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LIST OF INTERCEPTED PLANT PESTS, 1962

(Pests Recorded From July 1, 1961, Through June 30, 1962)

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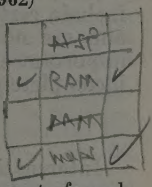

INTRODUCTION

This 49th interception list summarizes records of plant pests found in, on, or with plants, plant products, baggage, cargo, mail, and means of conveyance (1) imported into or entering the United States or its possessions, (2) offered for entry but refused, (3) in quarters and stores of planes and ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, the Commonwealth of Puerto Rico, Guam, and other offshore possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, mites, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States. Some common organisms are included if they are new to the country of origin or the host plant or are of limited distribution in this country.

The data for this list include identifications received during the fiscal year 1962 and represent some interceptions made during previous years, since occasionally determinations are delayed because of heavy work loads or lack of specialists for certain types of organisms. Most identifications are made by specialists of the Entomology Research Division, the Plant Quarantine Division (both of the U.S. Department of Agriculture), and the U.S. National Museum, although collaborating State officials identify many pests intercepted in California. Snail identifications are made by taxonomists in the Division of Mollusks of the U.S. National Museum. Some critical studies and determinations are made by specialists of the Crops Research Division. Many host plants are identified by workers in the Department of Botany of the Smithsonian Institution.

Scientific names of insects and diseases are reviewed by specialists of the Plant Quarantine Division, who also assist in preparing the list. Nematode names are checked in Nematology Investigations and host names are reviewed in the New Crops Research Branch. Every effort is made to conform to the International Rules of Nomenclature.

However, in the disease tabulation the name of the stage found is often listed rather than the perfect stage. Family names are listed with the insects in the tabulation and orders are shown in the host list. Classes of the diseases are given in the disease host list.

Pests determined only to family are not usually recorded unless they are fruit flies, new species, or of some special significance. Snails not identified to species are not recorded.

NOTES ON PESTS INTERCEPTED

The total number of interceptions for the fiscal year 1962 was 33,033, as compared with 25,575 the previous year. This does not include certain common pests which are widespread in this country and are no longer recorded. Of the total, 10,921 were considered important enough to be reported in this list. This figure includes the incompletely determined pests which were significant.

Airborne Material

Interceptions of pests arriving by air totaled 10,005, of which 8,625 were insects or snails and 1,380 were diseases or nematodes. There were 311 interceptions of significant insects found as stowaways on airplanes. Among the important pests arriving by air were 27 interceptions of the European cherry fruit fly, 105 of the Mediterranean fruit fly, 7 of the Mexican fruit fly, 34 of the olive fruit fly, 15 of the oriental fruit fly, 29 of the pink bollworm, 119 of the West Indian fruit fly, 224 of the black spot of citrus, 112 of citrus canker, 78 of the sweet orange scab, and 35 of the golden nematode.

FRUIT FLIES

A total of 473 fruit fly interceptions were identified to species as follows:

Anastrepha ludens, the Mexican fruit fly, was intercepted 76 times; 75 were from Mexico and 1 from Guatemala. The hosts were grapefruit, lime, mango, pear, quince, sour orange, sweet orange, and white sapote.

Anastrepha mombinpraeoptans, the West Indian fruit fly (145 times), in guava, mango, purple mombin, rose-apple, sweet orange, tropical almond, and yellow mombin from Barbados, British Honduras, Costa Rica, Curacao, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Venezuela.

Anastrepha serpentina (3 times) in mamey sapote and sapodilla in air baggage from El Salvador.

Anastrepha suspensa (3 times) in guava in air baggage from Jamaica and baggage from Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly (140 times), in apple, Arabian coffee berry, Cattley guava, *Coffea* sp. berry, fig, grape, grapefruit, lemon, loquat, Mandarin orange, mountainash fruit, nectarine, peach, pear, pepper, persimmon, plum, pomegranate, pricklypear, quince, rosaceous fruit, sweet orange, and tropical almond. Countries of origin were Argentina, Azores, Brazil, Cyprus, Greece, Hawaii, Israel, Italy, Lebanon, Portugal, Spain, Turkey, United Arab Republic, and an unknown origin. *C. capitata*(?) (10 times) in Arabian coffee berry, *Coffea* sp. berry, grapefruit, kaki persimmon, pummelo, screwpine lei, and sweet orange from Argentina, Ethiopia, Hawaii, Italy, Peru(?), and Spain.

Ceratitis colae (once) in *Coffea* sp. berry in airmail from Ethiopia.

Dacus dorsalis, the oriental fruit fly (20 times), in banana, breadfruit, guava, mango, orange-jasmine fruit, papaya, and tropical almond from Guam, Hawaii, and the Philippines. *D. dorsalis*(?) (3 times) in guava, Malay-apple, and tropical almond from Hawaii and an unknown origin.

Dacus oleae, the olive fruit fly (43 times), in olive in air baggage and baggage from Cyprus, Italy, Lebanon, Spain, and Syria.

Rhagoletis cerasi, the European cherry fruit fly (28 times), in cherry in air baggage, air stores, and stores from Czechoslovakia, France, Germany, Italy, Spain, and an unknown origin.

Toxotrypana curvicauda (once) in papaya in aircargo from Puerto Rico.

INSECTS OTHER THAN FRUIT FLIES

The following insect interceptions are of particular significance:

Acrolepia assectella (Hyponomeutidae) in leek in stores from Denmark, France, Italy, Netherlands, Norway, and Spain; with miscellaneous stores from France; and in onion in air baggage from France.

Adoretus sinicus (Scarabaeidae) as stowaway on airplane, on copperleaf plant, baggage, flowers, mango, and orchid in air baggage from Hawaii.

Adoxophyes reticulana (=*A. orana*) (Tortricidae) on cut lilac in aircargo from the Netherlands.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (10 times), on *Citrus* sp. leaf in air baggage from Ecuador and baggage and cargo from Mexico, on lime leaf in baggage and cargo from Mexico, and on sweet orange leaf in baggage from Mexico.

Aleurotrachelus camelliae (Aleyrodidae) on camellia leaf in airmail from Japan.

Ancylostomia stercorea (Phycitidae) in bean, on bromeliad leaf, in chickpea, pea, and pigeonpea. Countries of origin were the Canal Zone, Dominican Republic, Ecuador, El Salvador, Haiti, Jamaica, Mexico, Panama, St. Kitts, St. Martin, and Tortola.

Arge similis (Argidae) on *Rhododendron* sp. cutting and torch azalea plant in airmail from Japan.

Argyresthia conjugella (Hyponomeutidae) in apple in air baggage from Norway and the Union of Soviet Socialist Republics and in mountainash berry in air baggage from England, Norway, and Scotland.

Aspidiotus destructor (Coccidae) on arrowroot leaf in airmail from Panama; on coconut in air baggage from the Bahamas, baggage from the American Virgin Islands, Costa Rica, Nicaragua, and Panama, quarters from the Cayman Islands, and stores from Costa Rica; on kentia palm leaf in stores from Japan; on plum in baggage from Mexico; and on tropical almond in baggage from Jamaica.

Austrotortrix postvittana (Tortricidae) in airplane from New Zealand.

Blastodacna atra (Cosmopterigidae) in apple in air stores from an unknown origin and in baggage from Poland.

Brachycerus albidentatus (Curculionidae) in garlic in baggage from Italy.

Bruchus tristis (Bruchidae) in grass peavine seed in baggage from Italy and in lupine seed in air baggage from the Azores.

Cacoecimorpha pronubana (Tortricidae) on cut carnation in airmail from an unknown origin, on miscellaneous plant material in aircargo from France. and on pomegranate in air baggage and baggage from Italy.

Carposina niponensis (Carposinidae) in apple in air stores, quarters, and stores and in pear in air baggage from Japan.

Ceroplastes rubens (Coccidae) on cibotium fern in mail from Hawaii, on maile alyxia leaf in baggage from Hawaii, and on polypody fern in air baggage from Tahiti.

Chilo suppressalis (Crambidae), the Asiatic rice borer (18 times), with aircargo from Japan and in rice straw in air baggage from Japan and Spain, baggage from the Philippines, Spain, and an unknown origin, and in cargo, mail, and stores from Japan.

Cladius pectinicornis (Tenthredinidae) on cut roses in air baggage from Denmark, England, and Germany and air stores from the Netherlands; on rose cutting in air baggage from England; and in soil with holly plant in baggage from Switzerland.

Coccus viridis (Coccidae) (151 times) on *Alpinia purpurata*, alstonia leaf, Arabian coffee berry, Brazil peppertree, *Citrus* sp. leaf, frangipani, gardenia, ixora, limeberry leaf, and tuberose from Fiji, Hawaii, New Guinea, and Tahiti.

Conotrachelus aguacatae (Curculionidae) (11 times) in avocado in baggage from Mexico.

Coptotermes testaceus (Rhinotermitidae) in jacaranda log in cargo from Brazil.

Cryptoblabes gnidiella (Phycitidae) in grape in air baggage from Italy; in pomegranate in air baggage from France, Israel, and Italy and baggage from Greece and Italy; and in sweet orange in aircargo from Italy, air stores from Spain and an unknown origin, and stores from Spain.

Cryptophlebia leucotreta (Olethreutidae) in Arabian coffee in mail from Ethiopia and in sweet orange in stores from the Republic of South Africa.

Curculio elephas (Curculionidae) (121 times) in chestnut in air baggage, baggage, cargo, and mail from Greece, Italy, Portugal, Spain, and Yugoslavia; in cork oak seed in mail from Spain; and in oak seed in air baggage from Italy.

Cylas formicarius elegantulus (Curculionidae) in sweetpotato in air baggage from Cuba, Dominican Republic, and Haiti(?), baggage from Antigua, cargo from the Dominican Republic, quarters from Trinidad, and stores from Cuba, Dominican Republic, and Venezuela.

Cylas puncticollis in sweetpotato in cargo from Sierra Leone.

Dialeurodes kirkaldyi (Aleyrodidae) on Arabian jasmine leaf in air baggage, baggage, and mail from Hawaii; on gardenia leaf in air baggage from Tahiti; and on jasmine leaf in baggage from the Philippines.

Diatraea magnifactella (Crambidae) in surgarcane node in baggage from Mexico.

Dichocrocis punctiferalis (Pyraustidae) on pine tree in baggage from Japan.

Epinotia aporema (Olethreutidae) in string bean in baggage and stores from Mexico.

Euscepes postfasciatus (Curculionidae) in sweetpotato in air baggage from Puerto Rico, baggage from Hawaii, and stores from Brazil, Peru, and Trinidad.

Evergestis forficalis (Pyraustidae) in cabbage in stores from France, Germany, and Italy.

Frankliniella formosae (Thripidae) (53 times) on carnation, chrysanthemum, cyclamen, fairybells, flowers, gardenia, lychee, rice, roses, and screwpine. Countries of origin were American Samoa, Formosa, Hong Kong, Japan, Okinawa, Philippines, and an unknown origin.

Frankliniella intonsa (Thripidae)(15 times) on carnation, flowers, gladiolus, nursery stock, roses, and in soil with primrose plant from England, France, Germany, Iceland, Israel, Netherlands, and unknown origin, and Yugoslavia.

Gnorimoschema ocellatella (Gelechiidae) in beet in stores from the United Arab Republic, with stores by air from Italy, and in Swiss chard in stores from Italy.

Grapholitha funebrana (Olethreutidae) in plum in air baggage from Czechoslovakia and Poland.

Grapholitha janthiana (Olethreutidae) in apple in air baggage from Hungary.

Gymnandrosoma aurantianum (Olethreutidae) in sweet orange in air stores from an unknown origin and stores from Colombia.

Harmolita ips (Eurytomidae) in straw packing in cargo from France.

Lampides boeticus (Lycaenidae) in agati sesbania in air baggage and in mauna loa lei in air baggage, baggage, and quarters from Hawaii; and in pea in stores from Japan.

Laspeyresia araucaria (Olethreutidae) in *Araucaria* sp. seed in airmail and in Norfolk-Island-pine seed in air baggage and aircargo from Brazil and in parana araucaria seed in aircargo from Argentina.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from West Africa.

Leucoptera scitella (Lyonetiidae) with apple in air stores from England and stores from Italy.

Lixus junci (Curculionidae) in beet in stores from the United Arab Republic.

Lobesia botrana (Olethreutidae) in grape in air baggage from England, Italy, and Lebanon.

Mamestra brassicae (Noctuidae) on cabbage in stores from France, Italy, and the Netherlands; on cauliflower in stores from France and Italy; on Chinese cabbage in stores from Japan; on lettuce in stores from Germany; and on Swiss chard in stores from Italy.

Maruca testulalis (Pyraustidae) in hyacinth bean in air baggage from Trinidad; in mauna loa flowers in air baggage and baggage from Hawaii; in *Phaseolus* sp. in stores from Angola; in pigeonpea in air baggage from the Dominican Republic and Grenada and in aircargo, airmail, and cargo from Puerto Rico; in sesbania in air baggage and baggage from Hawaii; in string bean in air baggage and cargo from Puerto Rico and stores from Brazil, Japan, Puerto Rico, and Surinam; and in *Strongylodon macrobotrys* in air baggage from the Philippines.

Matsumuraeses phaseoli (Olethreutidae) in string bean in stores from Japan.

Melolontha melolontha (Scarabaeidae)(5 times) as stowaway on airplane from France and Switzerland.

Neoleucinodes elegantalis (Pyraustidae) in eggplant in air baggage from Brazil, naranjilla in air baggage from Colombia, and in tomato in cargo from Mexico.

Oulema melanopa (Chrysomelidae) with cabbage in stores from Italy.

Parlatoria zizyphus (Coccidae)(55 times) on *Citrus* sp. leaf, grapefruit, lemon,

lime, Mandarin orange, pummelo, and sweet orange. Countries of origin were Algeria, British Guiana, China, Formosa, France, Guam, Hawaii, Hong Kong, Iran, Italy, Japan, Okinawa, Philippines, Republic of the Congo, Thailand, Tunisia, and an unknown origin.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (59 times), in bale of cotton in aircargo from Puerto Rico; in cotton boll in air baggage from Antigua, Bermuda, Cayman Islands, Cuba, Hawaii, and Turkey, baggage and quarters from Mexico, and mail from Hawaii; in cotton lint in quarters from Mexico; in cottonseed in aircargo and mail from India, baggage and quarters from Mexico, and cargo from Pakistan and Thailand; in okra pod in air baggage from Barbados, Dominican Republic, and Haiti, aircargo from Jamaica, and stores from the Dominican Republic; in seed cotton in aircargo from Pakistan and cargo and quarters from Mexico; in seed of Sea Island cotton in air baggage from Hawaii; and in seed of Upland cotton in quarters from Mexico.

Petrova cristata (Olethreutidae) in Japanese black pine cone in stores from Japan.

Pieris brassicae (Pieridae) (14 times) in cabbage in stores from the Azores, Belgium, and Italy; in cauliflower in stores from Germany and Italy; and with military cargo from Italy.

Prays oleellus (Hyponomeutidae) in olive in air baggage from Italy, Lebanon, and Syria and aircargo from Italy.

Prodenia litura (Noctuidae) in airplane from the West Pacific, on flowers in air quarters from Formosa, on gladiolus in air baggage from Japan, and in pepper in stores from Israel.

Rhynchaenus populi (Curculionidae) on cut lilac in aircargo from the Netherlands.

Sesamia cretica (Noctuidae), the durra stem borer (8 times), in broomcorn in air baggage from France and Greece, baggage from Italy, and cargo from Greece and Italy.

Stenoma catenifer (Stenomidae) (35 times) in avocado in air baggage from British Honduras, Colombia, Costa Rica, Ecuador, El Salvador, Nicaragua, Panama, and Venezuela, aircargo from Mexico and Panama, baggage from Honduras, Mexico, and Panama, quarters from Ecuador, and stores from Colombia, Ecuador, and Panama.

Taeniothrips gracilis (Thripidae) (18 times) on autumn lycoris, shorttube lycoris, and *Lycoris* sp. bulbs in cargo from Japan; on polyanthus narcissus in air baggage from Hong Kong; and on snapdragon in air baggage from Japan.

Tetranychus viennensis (Tetranychidae) on apple in air baggage from Poland.

Thrips major (Thripidae) on carnation in aircargo from Italy; on China aster in air baggage from the Netherlands; on mixed flowers in air baggage from England and air quarters from England, Turkey, and an unknown origin; on nursery stock in cargo from the Netherlands; and on roses in air baggage from Denmark, England, and Poland.

Trogoderma granarium (Dermestidae), the khapra beetle (249 times), with bagging (including new and used burlap and wrappers on various cargo shipments and stores), in bean, in cargo hold of ship, in cinnamon quills, corn seed (in mail), cumin seed, debris, grain residue, guar gum, gum arabic, gum ghatti, karaya gum, mangrove bark, myrobalan, pea, peanut, pigeonpea, rice, soybean, turmeric, various dry stores, and wheat flour and straw. Countries of origin were Belgium, Ceylon, China, England, Formosa, France, Greece, Hong Kong, India, Indonesia, Iran, Italy, Korea, Kuwait, Mexico, Netherlands, Pakistan, Senegal, Sierra Leone, Singapore, Sudan, Tanganyika, Thailand, United Arab Republic, an unknown origin, and West Africa.

Udea ferrugalis (Pyraustidae) on cabbage in stores from Portugal, on cauliflower in stores from England, on celery in stores from France, on geranium leaf in air baggage from Portugal, and on zucchini squash in stores from Italy.

Unaspis yanonensis (Coccidae), the yanone scale (356 times), on calamondin orange, *Citrus* sp., grapefruit, ichandarin, lemon, lime, King orange, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo. Countries of origin were Australia, Hong Kong, Japan, Philippines, and an unknown origin.

Zeadiatraea lineolata (Crambidae) in corn in air baggage from Guatemala and air stores from the Bahamas.

SNAILS

The following snail interceptions are of special interest:

Achatina fulica (10 times) in air baggage from Hawaii and with military cargo from Okinawa.

Archachatina marginata in aircargo from Spain.

Arianta arbustorum in soil with rose plant in mail from Germany and on strawberry plant in aircargo from the Netherlands.

Bradybaena similaris (7 times) on *Anthurium* sp. flower, fern asparagus, and ginger root in mail from Hawaii; and with snapdragon flower and unidentified plant in air baggage from Bermuda.

Cochlicella barbara (26 times) on common four-o'clock seed in cargo from France; on military cargo from Italy, Libya, Morocco, and Spain; and in soil in baggage from Italy.

Cochlicella conoidea on military cargo from Spain.

Cochlicella ventrosa (16 times) on broccoli seed in baggage from Italy; on cedar block in stores from Bermuda; on military cargo from the Azores, Italy, Morocco, Spain, and Turkey; and in soil with unidentified plant in air baggage from Bermuda.

Fourteen species of *Helicella* were intercepted a total of 75 times on automobile, baggage, general cargo, military cargo, soil, and various plant material from the Azores, Cuba, England, France, Greece, Italy, Spain, Turkey, and an unknown origin.

Monacha cantiana with unidentified plants in cargo from Germany.

Monacha carthusiana on sainfoin seed in baggage from Italy.

Monacha olivieri with military cargo from Turkey.

Rumina decollata on palm seed in baggage from Mexico and in soil with unidentified plant in air baggage from Bermuda and baggage from Mexico.

Sculptaria retisculpta on *Myrothamnus flabellifolia* plant in aircargo from the Republic of the Congo.

Subulina octona (15 times) on military cargo from Libya; on orchid plant in air baggage from British Honduras, aircargo from British Honduras, Colombia, and Jamaica, baggage from Jamaica, and cargo from Mexico; in soil with coleus plant in air baggage from Honduras; in soil with croton plant in air baggage from Jamaica; in soil with *Dieffenbachia* sp. plant in baggage from Puerto Rico; and in soil with unidentified plant in baggage from Mexico.

Theba pisana, the Mediterranean land snail (82 times), on automobile, in air baggage, on general cargo and military cargo; on cipollino, flowers, herb, mollusk, rose, rosemary, and various plant material in air baggage, aircargo, and cargo; and on cabbage, cauliflower, lettuce, miscellaneous stores, parsley, and potato in stores. Countries of origin were the Azores, Cuba, France, Israel, Italy, Libya, Morocco, Spain, and an unknown origin.

Theba planata on military cargo from Spain.

Veronicella moreleti on banana in cargo from Honduras and on *Chamaedorea* sp. palm leaf in aircargo from Mexico.

Other snails of potential economic importance were: *Bulimulus fraterculus, B. hepatostomus, B. unicolor, Capillifera plebeia, Cecilioides acicula, C. aperta, Cepaea nemoralis, Helicina neritella, H. substriata, H. zephyrina, Helix aspersa, H. cincta, H. leucorum, H. pomatia, Lamellaxis gracilis, Limax marginatus, Neocyclotus dysoni cookei, Otala lactea, O. vermiculata*, and *Oxychilus alliarius*.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 213 times; 129 from Brazil, 64 from Argentina, 13 from an unknown origin, 4 from Paraguay, and 3 from Uruguay. The hosts were *Citrus reticulata* hybrid, grapefruit, lemon, lime, Mandarin orange, sweet orange, and tangor.

Guignardia (*Phoma*) *citricarpa*, the black spot of citrus, was intercepted 464 times; 95 from Japan, 91 from Hong Kong, 83 from the Republic of South Africa, 63 from Australia, 44 from an unknown origin, 36 from China, 18 from Formosa, 7 from Asia (country(?)), 5 each from Brazil and the Philippines, 4 from Tahiti(?), 3 from Okinawa, 2 each from Argentina and Korea, and 1 each from the Federation of Malaya, Macao, Mozambique, Singapore, Thailand, and Vietnam. The hosts were *Citrus* sp., *Fortunella* sp.(?), grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas citri, citrus canker, was intercepted 271 times; 217 from Japan, 20 from Hong Kong, 10 from India, 9 from an unknown origin, 5 from China, 4 from Thailand, 2 from Formosa, and 1 each from Afghanistan, the Federation of Malaya, Guam, and Indonesia. The hosts were *Citrus aurantium* X *C. reticulata*, *Citrus* sp., grapefruit, ichandarin, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, tangelo, tangor, and "yuzu."

Xanthomonas sp. (Cancrosis B) was intercepted 17 times; 10 from Argentina, 5 from an unknown origin, and 1 each from Brazil an Uruguay. The hosts were lemon, Mandarin orange, and sweet orange.

Other pathogens of special interest are:

Ascochyta armoraciae on horseradish tops in stores from Germany. Not reported from the United States as far as is known.

Coniothyrium trabutii on geranium leaf in baggage from Mexico. No reports from there as far as known.

Diaporthe camelliae on camellia twig in airmail from New Zealand.

Didymascella thujina on leaf of arborvitae plant in baggage from Canada.

Elsinoe piri (*Sphaceloma* stage) on apple in stores from Spain.

Gymnosporangium cornutum on European mountain ash leaf in air baggage from Finland and baggage from Norway.

Gymnosporangium haraeanum on pyramid Chinese juniper in air baggage and cargo from Japan.

Macrophoma dalmatica on olives in air baggage from Lebanon.

Phomopsis cedrelae on cigarbox cedrela seed and pod in aircargo from Dominica.

Phyllosticta bromeliae on bromeliad in baggage from Mexico.

Puccinia abyssinica on *Jasminum abyssinicum* leaf in mail from Ethiopia.

Puccinia iridis on iris leaf in air baggage from Bermuda and aircargo from Haiti.

Pythium intermedium, P. mamillatum, P. salpingophorum, and *P. ultimum* on roots of trees in aircargo from the Union of Soviet Socialist Republics.

Rhytisma ilicis-latifoliae (*Melasmia* stage) on *Ilex integra* leaf in airmail from Japan.

Septoria minimum on anthurium leaf in airmail from France and mail from the Netherlands.

Sphaceloma fawcettii var. *scabiosa* (10 times) on lemon in air stores, quarters, and stores from Australia.

Sphaceloma punicae on pomegranate in air baggage from the Dominican Republic. New locality for this fungus.

Sphaceloma rosarum on rose leaf in air baggage from England and Germany.

Sphaceloma spondiadis(?) on vi-apple in baggage from Puerto Rico.

Sphaerophragmium acaciae on Lebbek albizzia leaf in baggage from the Bahamas.

Thecaphora solani on *Solanum stoloniferum* tuber in baggage from Mexico.

Uredo nidularii on bromeliad leaf in air baggage from Colombia and aircargo from Costa Rica; and on tillandsia leaf in aircargo from Mexico and Panama.

Uromyces fabae on lentil in airmail and mail from Chile.

CORRECTION: The 1960 list showed *Pucciniastrum arcticum* Tranz. on *Rubus chamaemorus* from Norway. This has now been identified as *Melampsoridium betulinum* (Fr.) Kleb. on *Betula odorata.*

NEMATODES

Aphelenchoides fragariae in bletilla orchid in cargo from Japan.

Aphelenchoides subtenuis in narcissus in cargo from Italy.

Criconema celetum in soil with anthurium plants in baggage from Mexico.

Criconemoides curvatum in soil with begonia in baggage from Argentina and in soil with unidentified plant in baggage from Mexico.

Criconemoides mutabile in soil with carpetgrass, philodendron, pine seedling, and treebine in baggage from Mexico.

Criconemoides peruense in soil with begonia in baggage from Mexico.

Ditylenchus destructor in autumn-crocus and Blushing Bride dwarf gladiolus in cargo from the Netherlands.

Ditylenchus dipsaci in garlic in cargo from Mexico; and in narcissus bulb in mail and onion sets in baggage from England.

Helicotylenchus buxophilus in soil with euonymus plant in baggage from Mexico.

Helicotylenchus dihystera in Indiarubber fig plant in baggage from Brazil; in soil with begonia plant in air baggage from the Azores and baggage from Argentina; in soil with azalea, balsam, caladium, citrus, common rue, and euphorbia plants, lily bulb, peach tree, portulaca, sansevieria, spiderwort, and succulent plants in baggage from Mexico; and in soil with unidentified plant in air baggage from England.

Helicotylenchus nannus in *Aglaonema* sp. root in aircargo, in soil with begonia, fern, hydrangea, and mint plants in baggage, and in soil with chestnut dioon

plants in cargo from Mexico; and in soil with common swordfern and Sprenger asparagus in baggage from Italy.

Heterodera avenae, the oat nematode (13 times), in soil sample in air baggage from Germany and in soil with the following: Automobiles in cargo from England and Germany, cactus plant in air baggage from Germany, dasheen in cargo from the Azores, garlic in cargo from Italy, larch tree and polypody fern in baggage from Austria, military cargo by air from England and France, peach tree in baggage from Italy, and potato in stores from the Canary Islands.

Heterodera cacti (75 times) in soil sample and in soil with amaryllis bulb, begonia, bougainvillea, cactus, covers on cotton bales, dahlia roots, euphorbia, garlic, geranium, Indiarubber fig plant, lily bulb, potato, portulaca, pricklypear, railway car, spiderwort, and tractor from the following countries: Austria, Belgium, Costa Rica, England, France, Germany, Italy, Mexico, Peru, and Sweden.

Heterodera humuli in soil with hops in aircargo from Germany.

Heterodera punctata (47 times) in soil sample, soil with army tanks, automobiles, celery, dasheen, lily bulb, military cargo, mudbird nest, potato, semi-trailer, and the following plants: Banana, begonia, cactus, geranium, Indiarubber fig, lavender, lily, philodendron, primrose, sequoia, shamrock, stonecrop, unidentified, and violet. Countries of origin were Argentina, Belgium, England, Germany, Ireland, Italy, Mexico, Morocco, Netherlands, Norway, Portugal, Sweden, an unknown origin, and Wales.

Heterodera rostochiensis, the golden nematode (83 times), in soil sample and in soil with the following: African-violet, aroid plant, automobiles, beet, cactus, celery, coleus, conifer plant, dahlia roots, geranium cutting and plant, gladiolus corm, heather plant, horseradish, ivy plant, lavender plant, lilac plant, lily-of-the-valley pips, onion sets, Jerusalem cherry plant, oxalis, potato, primrose, *Ribes* sp., shamrock, soapberry plant, *Solanum andigena*, spearmint, Sprenger asparagus, stonecrop, strawberry plant, tree fern log, tuberose, turnip, unidentified bulb and plant, and violet plant. Countries of origin were Denmark, England, France, Germany, Ireland, Mexico, Netherlands, Peru, Poland, Scotland, Sweden, and an unknown origin.

Hoplolaimus uniformis in soil with celeriac in stores from the Netherlands.

The rootknot nematodes, *Meloidogyne arenaria*, *M. arenaria arenaria*, *M. arenaria thamesi*, *M. hapla*, *M. incognita*, *M. incognita acrita*, *M. incognita incognita* (first interception), *M. javanica*, and *M. javanica javanica* (first interception) were intercepted a total of 156 times from Argentina, Azores, Brazil, Canal Zone, Chile, Costa Rica, Cuba, Dominican Republic, Ecuador, England, France, Germany, Guatemala, India, Italy, Jamaica, Japan, Mexico, Morocco, Netherlands, Panama, Peru, Portugal, Republic of South Africa, Sierra Leone, Spain, Switzerland, Tahiti, Trinidad, and West Africa. The hosts were roots of various flowers, ornamental plants, and vegetables.

Pratylenchus coffeae in dahlia roots in mail from Australia, in soil with common rue in baggage from Mexico, and in yam in air baggage from Jamaica.

Pratylenchus penetrans in clematis and toadlily roots in aircargo and in goldenray roots in cargo from the Netherlands.

Pratylenchus scribneri in apple root stock in cargo from Canada.

Radopholus similis in flamingo anthurium and in ginger plant in mail from Hawaii.

Rotylenchus robustus in soil with celeriac in stores from the Netherlands and in soil with unidentified plants in air baggage from the Azores and Germany.

Scutellonema brachyurum in amaryllis bulb and crassula plant in baggage from Mexico; Indiarubber fig plant in baggage from Brazil; in soil with kalanchoe in air baggage from Guatemala; and in soil with common rue, philodendron, and unidentified bulbs and plants in baggage from Mexico.

Scutellonema bradys in yam root in air baggage from Cuba.

Tylenchorhynchus acti in soil with cactus plant in baggage from Mexico.

Tylenchorhynchus capitatus in soil with begonia, lemongrass, and spiderwort plants in baggage from Mexico.

Tylenchorhynchus claytoni in soil with common swordfern and Sprenger asparagus in baggage from Italy.

INCOMPLETELY DETERMINED PESTS

It is not always possible to complete a determination as to species, due to the stage or condition of the insect or pathogen when inter-

cepted or the fact that it may be undescribed. Many of these pests are of potential economic importance, unreported from the country of origin or the United States, or new to the host plant. Some of the significant ones are included in this writeup, but not in the tabulation except in the summary. This year there were 3,223 insects, 357 diseases, and 936 nematodes, or a total of 4,516 incompletely determined interceptions considered important enough to record.

INCOMPLETELY DETERMINED FRUIT FLIES

There were 186 incompletely determined fruit fly interceptions as follows:

Anastrepha sp., possibly *ludens* (7 times) in apple, lime, mango, sapote, and sweet orange in baggage, and in grapefruit in stores from Mexico.

Anastrepha sp., possibly *mombinpraeoptans* (27 times), in grapefruit in stores from Costa Rica; in guava in air baggage from Guatemala, baggage from Mexico, and cargo from Tortola; in mango in air baggage from the Bahamas, Colombia, Dominican Republic, El Salvador, Guatemala, Honduras, Jamaica, and Nicaragua, in airmail from Jamaica, baggage from Mexico and Panama, and in cargo and stores from the Dominican Republic; in purple mombin in air baggage from Guatemala and Panama; and in *Spondias* sp. in air baggage from Nicaragua.

Anastrepha sp., possibly *serpentina* (twice), in cainito star-apple in air baggage from El Salvador and in mamey sapote in baggage from Mexico.

Anastrepha sp., possibly *striata* (13 times), in guava in air baggage from Costa Rica and El Salvador and in baggage and mail from Mexico.

Anastrepha sp., possibly *suspensa* (13 times), in guava in air baggage from the Dominican Republic and Puerto Rico and in airmail and baggage from Puerto Rico.

Anastrepha sp. (89 times) in *Annona* sp., apple, Arabian coffee berry, cherimoya, giant granadilla, grapefruit, guava, ilama, loquat, Mandarin orange, mango, peach, pear, pummelo, purple mombin, rose-apple, sapodilla, sapote, sour lime, *Spondias* sp., star-apple, sweet orange, tropical almond, and yellow mombin. Countries of origin were: Argentina, Brazil, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Tortola, Trinidad, an unknown origin, and Venezuela.

Dacus sp., prob. *dorsalis* (once), in mango in air baggage from Hawaii.

Dacus sp. (twice) in pepper in mail from Thailand and in sapodilla in air stores from Guam. *Dacus* sp. (?) (3 times) in avocado in air baggage from Tahiti, grapefruit in stores from the Republic of South Africa, and sapodilla in air stores from the Philippines.

Euleia sp., probably *heraclei* (L.) (once), in parsley in stores from Spain.

Paroxyna s. l. sp., possibly *Dioxyna sororcula* (Wied.) (twice), on *Osteospermum muricatum* and *O. thodei* seed in mail from the Republic of South Africa.

Rhagoletis sp., probably *alternata* (Fall.) (once), in rose hips in air baggage from Italy.

Rhagoletis sp. (4 times) in apple and hawthorn fruit in baggage from Mexico. *Rhagoletis* sp. (?) (3 times) in peach and redhaw fruit in baggage from Mexico and in Tartarian honeysuckle seed in cargo from Italy.

Tephritidae (15 times) in carnation in air quarters from an unknown origin, in chayote in stores from the Dominican Republic, in chupa-chupa fruit in air baggage from Ecuador, dwarf banana in air baggage from Hawaii, with flower pot in baggage from Mexico, in galangal flower in air quarters from an unknown origin, in giantreed node in baggage from Italy, in grapefruit in stores from the Republic of South Africa, in lychee nut and mango in air baggage from Vietnam (?), in peach in air baggage from Venezuela, in pear in air baggage from England, in sphagnum moss with ginseng root in air baggage from Korea, and in Turkterebinth pistache in air baggage from Greece. Tephritidae (?) (once) in pomegranate in air baggage from Argentina.

Trupanea sp. (once) adults with marigolds in air quarters from Mexico. *Trupanea* sp. (?) (once) in flowering head of encelia in baggage from Mexico.

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INSECTS OTHER THAN FRUIT FLIES

The following incompletely determined insects, other than fruit flies, are of special interest:

Aleyrodidae, Aleurodicinae, new genus near *Aleurodicus*, n. sp., on *Epidendrum* spp. leaf in aircargo from Honduras and cargo from Mexico; on *Laelia anceps* leaf in cargo from Mexico; on *Odontoglossum grande* leaf in air baggage from Guatemala; on *Oncidium* spp. leaf in aircargo and cargo from Mexico; and on orchid leaf in air baggage from Guatemala and Honduras, aircargo from the Canal Zone, Guatemala, Honduras, and Mexico, airmail from the Canal Zone, and baggage and cargo from Mexico.

Alsophila sp. (Geometridae) on *Prunus* sp. branch in air baggage from Japan.

Anaulacomera sp. (Tettigoniidae), a distinctive species useful to the U.S. National Museum Collection, on orchid in aircargo from Peru.

Aphidae, Panaphini, genus and species undescribed, on pine twig in air baggage from Italy. No description found of a species on pine resembling this.

Blastodacna sp., near or *atra* (Cosmopterygidae), on apple in air stores from an unknown origin, probably Spain.

Brachyrhinus sp. (Curculionidae) on Siebold stonecrop roots in baggage from Switzerland, in soil with herbs in baggage from Italy, and in soil with larch in baggage from Austria.

Ceutorhynchus sp., probably *pleurostigma* (Curculionidae), in rutabaga root in cargo from Germany and in turnip root in stores from Belgium, England, and France.

Cnephasia sp. (Tortricidae) on gentian bloom in mail from Switzerland, on lettuce in stores from France, on parsley in stores from Japan, and on strawberry plant in aircargo from France.

Ctenicera sp (Elateridae) in soil with unidentified plant in air baggage from Poland.

Diaprepes sp., probably *abbreviatus* (L.) (Curculionidae), in yam in cargo from Puerto Rico.

Epicaerus sp., possibly *cognatus* Sharp (Curculionidae), in potato in baggage and stores from Mexico.

"Eulia" sp. (Tortricidae) in pear in aircargo from Ecuador.

Euzophora sp., near or *bigella* Zell. (Phycitidae), in quince in baggage from Greece.

Gnorimoschema sp., near or *borsaniella* (Gelechiidae), in pepper in air baggage from Peru and stores from Argentina.

Grapholitha sp., probably *funebrana* (Olethreutidae), in plum in air baggage from Czechoslovakia and Italy and air stores from France.

Gymnandrosoma sp., near or *aurantianum* (Olethreutidae), in guava in air baggage from Colombia and in cacao pod in baggage from Bermuda and Trinidad.

Harmolita sp. (Eurytomidae) on esparto needlegrass and unidentified straw in cargo from Italy.

Heilipus sp., probably *lauri* Boh. (Curculionidae), in avocado seed in air baggage from Costa Rica.

Heliothis sp., probably *armigera* (Noctuidae), on carnation flower in aircargo from France and Spain, on gladiolus flower in air quarters from France, and on strawflower in air baggage and airmail from the Philippines.

Homothrips sp., probably *distinctus* (Thripidae), on protea flower in aircargo from the Republic of South Africa.

Hoplandrothrips, undescribed species (Phlaeothripidae), on *Davallia mariesii* fern rhizome in cargo from Japan.

Hyperodes sp. (Curculionidae) in carrot in stores from Argentina. *Hyperodes* sp., or near, on burhead plant in aircargo from Peru.

Ips sp., apparently a species not established in the United States (Scolytidae), in pine bark of crate and in unidentified wood of crate in cargo from Italy.

Leucoptera sp., probably *lustratella* H.–S. (Lyonetiidae), with apple in stores from Italy.

Lixus sp., possibly *junci* (Curculionidae), in beet root in stores from the United Arab Republic.

Lygaeidae, genus and species not in the U.S. National Museum, in airplane from an unknown origin; in cape-marigold seed in airmail from the Republic of South Africa; on *Dianthus* sp. flower in air baggage from Mexico; on garden asparagus in aircargo from New Zealand; on mixed cut flowers in air baggage from the Republic of South Africa; in okra seed in mail from Nigeria; on orchid in aircargo from

Brazil, Honduras, and India and airmail from the Canal Zone; and in soil with European grape plant in mail from Italy.

Melanotus sp. (Elateridae) on orchid plant in airmail from Antigua; and on rosemary plant and in soil with amaryllis bulb in air baggage from Italy.

Odontaleyrodes sp., apparently undescribed (Aleyrodidae), on *Argostemma* sp. leaf in aircargo from Indonesia.

Olethreutidae, probably *Cryptophlebia* sp., in grapefruit in stores from the Republic of South Africa, in mango seed in air stores from Thailand, and in sweet orange in air baggage from Guinea.

Pantomorus sp. (Curculionidae) on lemongrass in baggage from Mexico and in soil with Indiarubber fig plant in baggage from Brazil.

Phycitidae, presumably *Myelois* group but does not match any material in the U.S. National Museum, in Ivorycoast cherry-orange in airmail from the Republic of the Congo.

Phyllocoptes n. sp. (Eriophyidae), an interesting form, on soursop fruit in air baggage from Costa Rica. *Phyllocoptes* sp., apparently n. sp., not assignable to any known apple eriophyid, on apple in air stores from Honduras.

Phyllotreta sp., possibly *undulata* Kutsch. (Chrysomelidae), on cabbage in stores from England.

Phytomyza sp., probably *rufipes* (Agromyzidae), on cauliflower in stores from France and the Netherlands and on radish in air stores from an unknown origin.

Prays sp., near or *endocarpa* Meyr. (Hyponomeutidae), in grapefruit in air baggage and Mandarin orange in air stores from the Philippines.

Premnotrypes sp. (Curculionidae)(34 times) in potato in air baggage from Colombia, Ecuador, and Peru, in air stores from Chile, in baggage from Peru, and in stores from Colombia, Ecuador, and Peru.

Pseudaonidia sp., not placed as anything described (Coccidae), on orchid plant in aircargo from India.

Rhynchites sp. (Curculionidae) in cherry in air baggage from Italy and on *Prunus* sp. plant in airmail from Iran.

Sternochetus sp., probably *mangiferae* (Curculionidae), in mango in air baggage from the Philippines and quarters from Hawaii.

Tenuipalpus n. sp. (Tenuipalpidae) on *Plumeria* sp.(?) in mail from Mexico.

Xyleborus sp., near *testaceus* Walk. (Scolytidae), in raintree saman log in cargo from Fiji.

INCOMPLETELY DETERMINED DISEASES

Of the 357 incompletely determined diseases which were recorded, the following are of special interest:

Cercospora sp. on sweet basil leaf and pricklypear stem in baggage from Mexico.

Cryptosphaeria sp. on *Dendrobium* sp. stem in aircargo from India.

Cytospora sp., probably *sydowiana* (Syd.) Camara, on camellia twig in airmail from New Zealand.

Cytospora sp. on astilbe flower stalk in cargo from the Netherlands. None reported on this host as far as known.

Dothiorella sp. on *Araucaria cookii* seed in aircargo and *Howea forsteriana* seed in cargo from Australia.

Microstroma sp. on tomato in stores from Spain. *Microstroma* sp.(?) on loquat in air quarters from Italy.

Monochaetia sp. on sapodilla in baggage from Mexico. Not reported on this host as far as is known.

Mycosphaerella sp. on *Jatropha* sp. in baggage from Mexico and on tree peony stem in cargo and mail from Japan.

Pellicularia sp. on orchid plant in aircargo from Peru.

Pestalotia sp. on *Agave* sp. leaf in baggage from Mexico. There is no report on this host.

Phyllostictina sp. on tropic-American hymenocallis in mail from Hawaii.

Ravenelia sp., close to *pithecolobii* Arth., on guamachil apes-earring seed in baggage from Mexico.

Septoria sp., probably an undescribed species, on *Agave* sp. in baggage from Mexico.

Sphenospora sp., probably *kevorkianii*, on *Epidendrum* sp. leaf in aircargo from Honduras, on *Ionopsis* sp. leaf in air baggage from the Dominican Republic and in cargo from Mexico, on *Oncidium pusillum* leaf in aircargo from Peru, on *Oncidium* sp. leaf in aircargo from British Honduras and Peru, and on orchid leaf in aircargo from Honduras.

Sphenospora sp., probably *saphena*, on orchid leaf in aircargo from Guatemala.

Sphenospora sp. on *Ornithocephalus* sp. leaf in air baggage from Peru. Probably a new host.

Stomiopeltis sp., probably should be described as new, on vi-apple in air baggage from Panama and Trinidad. None reported on Anacardiaceae.

Trematosphaeria sp. on leaf of *Agave* sp. plant in baggage from Mexico. No report on this host as far as known.

Virus, either a new virus or a new strain of an old virus, on carnation leaf in cargo from Canada.

INCOMPLETELY DETERMINED NEMATODES

There were 936 nematode interceptions not completely determined as follows:

Acrobeloides sp. in apple root stock in cargo from Canada.

Aphelenchoides sp. in amaryllis bulb in baggage from Mexico; in carnation in air baggage from Germany; in dahlia root in cargo from Japan and mail from Australia; in orchid, portulaca, rose, and unidentified plants and in soil with cactus in baggage from Mexico; in soil sample in cargo from Mexico; and in soil with tuberose in cargo from Italy.

Aphelenchus sp. in apple root stock in cargo from Canada; in soil with army tank in cargo from Germany; in soil with automobile in cargo from the Republic of South Africa; in soil with unidentified bulb in baggage from Cuba; in soil with cactus, citrus, dahlia, *Eugenia* sp.(?), fig, lemongrass, and rose plants in baggage from Mexico; and in soil with grape cuttings in air baggage from Italy.

Criconema sp., undescribed, in soil with African-violet and unidentified plant in baggage from Mexico. *Criconema* sp. in soil with unidentified plant in baggage from Mexico.

Criconemoides sp., probably *xenoplax* Raski, in soil with lily bulb in baggage from Mexico.

Criconemoides sp. in chrysanthemum in airmail from Formosa; in rhubarb root in baggage from Canada; and in soil sample in baggage and cargo and in soil with avocado, Bermuda grass, cactus, citrus, croton, echeveria, fig, guava, lemongrass, onion, palm, spiderwort, and unidentified plants in baggage from Mexico.

Ditylenchus sp. in dahlia root in cargo from Japan and mail from Australia, in garlic in cargo from Italy, in soil with cactus and unidentified plant in baggage from Mexico, and in torchlily in aircargo from England.

Helicotylenchus sp., probably *dihystera*, in soil with begonia in cargo from Mexico.

Helicotylenchus sp. was intercepted 98 times; 82 from Mexico, 2 each from the Azores and Brazil, and 1 each from Alaska, Cuba, England, France, Germany, Hawaii, Ireland, Italy, Japan, Portugal, Republic of South Africa, and Turkey. The hosts were various flower plants and soil with army tanks, refrigerator car, and unidentified bulbs and plants.

Hemicycliophora sp. in soil with mango plant in baggage from Mexico.

Heterodera sp., probably *avenae*, in soil with beet in stores from the Netherlands and in soil with peach tree in air baggage from Germany.

Heterodera sp., probably *humuli*, in soil with hop roots in cargo from Canada.

Heterodera sp., probably *punctata*, in soil with automobile in cargo from an unknown origin, in soil with cuphea plant in baggage from Mexico, and in soil with holly and lavender plants in air baggage from England.

Heterodera sp., probably *rostochiensis*, in soil in air baggage from Germany, in soil with automobile in cargo from England, in soil with heather in air baggage from Scotland, and in soil and debris from vegetables in stores from the Netherlands.

Heterodera sp., probably *trifolii*, in soil with army tank in cargo from Germany.

Heterodera sp., *cacti* group (39 times), from Belgium, Canal Zone, England, France, Germany, Italy, Japan, Mexico, Poland, Portugal, Republic of South Africa, and Turkey. These were taken from a soil sample, soil with automobiles, and soil with cactus and various plants.

Heterodera sp., *goettingiana* group (207 times), cyst with cucurbit seed; in soil sample; in soil with automobile, military cargo, and tractor; in soil with carrot, celery, garlic, leek, onion, potato, rutabaga, and turnip in stores; and in soil with various bulbs and plants. Countries of origin were Argentina, Azores, Belguim, Brazil, Czechoslovakia, Denmark, England, France, Germany, Greece, Guatemala, Ireland, Israel, Italy, Japan, Lebanon, Mexico, Netherlands, Peru, Poland, Spain, Switzerland, United Arab Republic, an unknown origin, and Yugoslavia.

Heterodera sp., *rostochiensis* group, in soil with celery in stores from England, soil with orchid in baggage from Guatemala, soil with shamrock in airmail from

Ireland, and soil with jasmine, succulent, and unidentified plants in baggage from Mexico.

Heterodera sp., *schachtii* group (265 times), cysts with lentil seed; in soil ballast and samples; in soil with automobiles, bicycle, military cargo, railway car, shoes, and tractor; in soil with beet, carrot, celeriac, celery, garlic, horseradish, leek, onion, parsnip, potato, rutabaga, salsify, turnip, and yam in stores; and in soil with various bulbs and plants. Countries of origin were Argentina(?), Azores, Belgium, Brazil, British Honduras, Canada, Chile, Colombia, Czechoslovakia, Denmark, East Germany, England, France, Germany (West), Greece, India, Ireland, Israel, Italy, Japan, Netherlands, Norway, Pakistan, Panama, Peru, Poland, Portugal, Republic of South Africa, Spain, Sweden, Turkey, United Arab Republic, Wales, and Yugoslavia.

Heterodera sp. (24 times) in soil sample; in soil with automobile, military cargo, snow plow, and truck; in soil with horseradish, onion, potato, and turnip in stores; and in soil with asparagus, begonia, *Calathea* sp., citrus, dahlia, fuchsia, heather, stonecrop, and unidentified plants. Countries of origin were England, France, Germany, Hawaii, Hong Kong, Italy, Mexico, Peru, Portuguese Guinea, Scotland, Spain, and Turkey.

Hoplolaimus sp., probably *seinhorsti* Luc, in soil with croton plant in baggage from Mexico.

Hoplolaimus sp., undescribed, in soil with cactus plant in baggage from Mexico.

Hoplolaimus sp. in soil sample and soil with onion, succulent plant, and sweetpotato in baggage from Mexico.

Meloidogyne sp., near *arenaria,* in carrot root in stores from Japan and in rubbervine root in air baggage from Colombia.

Meloidogyne sp., probably *arenaria thamesi,* in dahlia root in cargo from Japan.

Meloidogyne sp., probably *hapla,* in beet root in stores from Poland and in brassbuttons root in aircargo from Germany.

Meloidogyne sp., possibly *incognita,* in beet in stores from Brazil, dasheen in cargo from Cuba, *Ledenbergia rosea-aenea* root in aircargo from Ireland, sansevieria in air baggage from Venezuela, and *Stephanotis* sp. root in baggage from Mexico.

Meloidogyne sp., possibly *incognita acrita,* in tulip root in baggage from England.

Meloidogyne sp., probably *javanica,* in beet root in stores from Australia, freesia root in air baggage from the Azores, strawberry root in aircargo from France, and yam in air baggage from Puerto Rico.

Meloidogyne n. sp.(?), close to *incognita acrita,* in astilbe root in cargo from the Netherlands. *Meloidogyne* sp., possibly a new species, in agapanthus root in mail from India.

Meloidogyne sp. (76 times) in roots of various bulbs, corms, flower plants, tubers, and vegetables from the Canal Zone, Cuba, Dominican Republic, England, Fiji, Formosa, France, Germany, Guatemala, Hawaii, India, Italy, Japan, Mexico, Netherlands, Peru, Singapore, and Switzerland.

Paratylenchus sp. in soil with African-violet in baggage from Mexico.

Pratylenchus sp., probably *penetrans,* in babysbreath root in cargo from the Netherlands.

Pratylenchus sp. (22 times) in roots of various flower plants from Canada, Colombia, Japan, Mexico, and Netherlands.

Pseudhalenchus sp. in soil with portulaca in baggage from Mexico.

Psilenchus sp. in hibiscus, Josephs-coat amaranth, and soil with anthurium, gardenia, and lemongrass plants in baggage from Mexico; and in soil with mint plant in baggage from Cuba.

Radopholus sp. in flamingo anthurium and ginger plants in mail from Hawaii.

Rotylenchus sp. in crassula, gardenia, soil sample, and soil with fern plant in baggage from Mexico; in soil with automobile in cargo from Sweden; and in unidentified plants in air baggage from England and an unknown origin.

Scutellonema sp. (22 times) in soil with automobiles in aircargo from Puerto Rico and cargo from Cuba; in soil with agave, amaryllis, asparagus-fern, begonia, caladium, citrus, *Eugenia* sp.(?), gardenia, lily, narcissus, philodendron, sansevieria, and unidentified plants in baggage from Mexico; and in yam root in air baggage from Cuba.

Tetylenchus sp. in amaryllis bulb in baggage from Mexico, in soil with railway refrigerator car in cargo from Mexico, and in soil sample and soil with echeveria and succulent plants in baggage from Mexico.

Trichodorus sp., undescribed, in soil with kalanchoe in air baggage from Guatemala. *Trichodorus* sp. in soil with fern plant in air baggage from Mexico.

Tylenchorhynchus sp. (29 times) in cactus, carnation, crassula, and gardenia plants and in soil with bamboo, begonia, coleus, dahlia, fig, flatsedge, geranium, hydrangea, lemongrass, onion, peperomia, peppertree, rose, succulent, and unidentified plants in baggage from Mexico and in soil with stonecrop in air baggage from England.

Tylenchus sp. in chrysanthemum in air baggage from England, Indiarubber fig plant in baggage from Brazil, in rose plant in baggage from Mexico, in soil with army tank in cargo from Germany, in soil with begonia in baggage from Argentina, in soil with cyclamen in baggage from Canada, and in soil sample and soil with fig, persimmon, rose, and unidentified plants in baggage from Mexico.

Xiphinema sp. in soil sample in air baggage from British Honduras and baggage and cargo from Mexico; in soil with acacia, banana, begonia, citrus, gardenia, lily, mango, succulent, and tuftroot plants and medicinal herbs in baggage from Mexico; in soil with croton plant in aircargo from British Honduras; and in soil with jasmine plant in air baggage from Cuba.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease
Africa:		
Africa (country(?))	2	0
Algeria	4	0
Angola	1	0
Canary Islands	0	1
Cape Verde Islands	1	0
East Africa	1	0
Ethiopia	4	2
Kenya	1	0
Liberia	2	0
Libya	11	0
Mauritius	1	0
Morocco	44	2
Mozambique	0	1
Nigeria	1	0
Republic of South Africa	21	96
Republic of the Congo	2	0
Senegal	2	0
Sierra Leone	2	1
Sudan	103	0
Tanganyika	1	0
Tunisia	1	0
United Arab Republic	6	0
West Africa	4	1
Asia:		
Afghanistan	1	1
Asia (country(?))	0	7
Ceylon	8	0
China	3	43
Cyprus	4	0
Federation of Malaya	1	2
Formosa	24	21
Hong Kong	11	111
India	68	17
Indonesia	5	1
Iran	9	0
Israel	12	0
Japan	521	587
Japan(?)	4	0
Jordan	2	0
Korea	1	2
Kuwait	1	0
Lebanon	11	1
Macao	0	1
Nepal	0	1
Pakistan	11	1
Singapore	7	2
Syria	2	0
Thailand	10	6
Turkey	20	0
Vietnam	3	1
Australasia:		
American Samoa	7	0
Australia	13	79
Eniwetok	1	0
Fiji	8	0
French Polynesia	1	0
Guam	10	1
Hawaii	576	8
Johnston Island	1	0
Kwajalein	3	0
Marshall Islands	1	0
New Guinea	1	0
New Zealand	2	8
Norfolk Island	0	7
Okinawa	7	3
Philippines	29	6
Philippines(?)	5	0
Southwest Pacific	1	0
Tahiti	31	1
Tahiti(?)	0	4
West Pacific	1	0
Europe:		
Austria	2	4
Azores	32	4
Belgium	8	2
Czechoslovakia	5	1
Denmark	13	4

Country	Insect	Disease
Europe—Continued		
England	106	80
Finland	1	1
France	98	37
France(?)	1	0
Germany	35	44
Greece	46	3
Greece(?)	0	1
Hungary	1	0
Ireland	47	16
Italy	436	32
Lithuania	1	0
Netherlands	81	39
Netherlands(?)	1	0
Northern Ireland	102	0
Norway	5	4
Poland	11	2
Portugal	24	2
Scotland	8	5
Spain	102	11
Sweden	2	8
Switzerland	9	21
Union of Soviet Socialist Republics	3	5
Wales	0	1
Yugoslavia	5	0
North America:		
Bermuda	13	1
Canada	5	6
Central America:		
British Honduras	33	3
Canal Zone	38	14
Costa Rica	34	10
El Salvador	64	0
Guatemala	36	13
Honduras	30	15
Nicaragua	22	1
Panama	71	8
Iceland	3	0
Mexico	453	228
West Indies:		
American Virgin Islands	4	0
Antigua	12	1
Aruba	2	0
Bahamas	19	3
Bahamas(?)	0	1
Barbados	6	0
Cayman Islands	6	0
Cuba	26	4
Curacao	1	0
Dominica	2	1
Dominican Republic	62	6
Grenada	1	0
Guadeloupe	2	1
Haiti	22	4
Haiti(?)	1	0
Jamaica	69	22
Puerto Rico	57	8
Puerto Rico(?)	1	0
St. Kitts	2	0
St. Martin	1	0
Tortola	3	0
Trinidad	13	3
South America:		
Argentina	23	80
Bolivia	2	0
Brazil	74	149
British Guiana	3	0
Chile	2	1
Colombia	20	4
Ecuador	53	16
Paraguay	1	4
Peru	32	24
Peru(?)	2	0
South America (country(?))	1	0
Surinam	2	0
Uruguay	0	4
Venezuela	12	3

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
Totals:			Totals—Continued		
Africa	215	104	Total incompletely determined pests	3,223	1,293
Asia	739	805	Total insect interceptions	7,550	
Australasia	698	117	Total disease interceptions		3,371
Europe	1,185	327	Grand total*		10,921
North America	1,114	353			
South America	227	285			
Unknown	149	87			
Total	4,327	2,078			

*This total represents only pests of known or potential plant quarantine importance or organisms of scientific interest. The total of all interceptions made during the year was 33,033.

NOTE.—Interceptions were also made from British West Africa, Canton Island, Christmas Island, Crete, Ghana, Guinea, Ivory Coast, Malta, Martiniquc, Montserrat, Netherlands New Guinea, Portuguese Guinea, Rumania, and Zanzibar.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Acanthoscelides armitagei (Pic) (Bruchidae):					
Cajanus cajan (pigeonpea)	Colombia, Jamaica, Panama, Peru, Trinidad, unknown.	12	-----	1	Fla., N.Y.
Phaseolus lunatus (lima bean)	Colombia, Ecuador	-----	-----	2	D.C.
P. vulgaris (bean)	Colombia, Jamaica, Trinidad, unknown, Venezuela.	2	1	2	D.C., Fla., La., N.Y. Tex.
Pisum sativum (pea)	Panama	1	-----	-----	Fla.
Stores (with mixed fruits)	Unknown	-----	1	-----	N.Y.
Acanthoscelides griseolus (Fall.) (Bruchidae):					
Cajanus cajan (pigeonpea)	Panama, Peru	3	-----	-----	Fla., N.Y.
Lens culinaris (lentil)	Nicaragua	1	-----	-----	Calif.*
Phaseolus lunatus (lima bean)	Peru	-----	1	-----	Pa.
P. vulgaris (bean)	Panama	1	-----	-----	Calif.*
Pisum sativum (pea)	do	1	-----	-----	Fla.
Sesbania aculeata (cannabina)	Mexico	-----	-----	1	Calif.
Sesbania sp.	do	1	-----	3	Ariz., Calif.
Acanthoscelides spinipes (Er.) (Bruchidae):					
Legume (seed)	Greece	-----	-----	1	N.Y.
Acentroptera nevermanni Uhmann (Chrysomelidae):					
Bromeliad	Costa Rica	-----	-----	1	Fla.
Achaea janata (L.) (Noctuidae):					
Airplane	Unknown	-----	1	-----	Hawaii.
Codiaeum variegatum (croton)	Hawaii	1	-----	-----	Hawaii.
Achatina fulica Bowdich (Achatinidae):					
Baggage	do	8	-----	-----	Hawaii.
Military cargo	Okinawa	2	-----	-----	Calif.*
Acrolepia assectella (Zell.) (Hyponomeutidae):					
Allium cepa (onion)	France	1	-----	-----	N.Y.
A. porrum (leek)	Denmark, France, Italy, Netherlands, Norway, Spain.	-----	9	-----	N.Y., N.C. Ohio, Pa.
Stores	France	-----	1	-----	N.Y.
Acronicta psi (L.) (Noctuidae):					
Rosa hybrid (leaf)	Poland	1	-----	-----	N.Y.
Adelphocoris lineolatus (Goeze) (Miridae):					
Fagus sp. (beech) cutting	England	-----	-----	1	Mass.
Adoretus sinicus Burm. (Scarabaeidae):					
Acalypha sp. (copperleaf)	Hawaii	-----	-----	1	Hawaii.
Airplane	do	-----	2	-----	Hawaii.
Baggage	do	2	-----	-----	Hawaii.
Flowers	do	1	-----	-----	Hawaii.
Mangifera indica (mango)	do	1	-----	-----	Hawaii.
Orchid	do	1	-----	-----	Hawaii.
Adoxophyes reticulana (Hbn.) (Tortricidae):					
Syringa sp. (lilac) cut flowers	Netherlands	3	-----	-----	N.Y.
Aeolus pictus (Cand.) (Elateridae):					
Orchid	Honduras	-----	-----	2	Fla.
Aganactesis indecora Dyar (Gallerlidae):					
Cassia sp. (senna) seed pod	Jamaica, Trinidad	2	-----	-----	Fla., N.Y.
Agonopterix costosa (Haw.) (Oceophoridae):					
Cytisus scoparius (Scotch-broom)	Canada	-----	-----	1	Wash.
Agonoxena pyrogramma Meyr. (Agonoxenidae):					
Cocos nucifera (coconut)	Guam	1	-----	-----	Hawaii.
Akermes andersoni Newst. (Coccidae):					
Garcinia mangostana (mangosteen) sepal	Liberia	1	-----	-----	N.Y.
Aleurocanthus citriperdus Q. & B. (Aleyrodidae):					
Citrus sp. (leaf)	Philippines	1	-----	-----	Hawaii.
Aleurocanthus woglumi Ashby (Aleyrodidae):					
Citrus aurantifolia (lime) leaf	Mexico	3	-----	-----	Tex.
C. sinensis (sweet orange) leaf	do	1	-----	-----	Tex.
Citrus sp. (leaf)	Ecuador, Mexico	6	-----	-----	Fla., Tex.
Aleurodicus iridescens Ckll. (Aleyrodidae):					
Echinodorus sp. (burhead)	Peru	-----	-----	3	Fla.
Aleurothrixus myrtacei Bondar (Aleyrodidae):					
Laurus nobilis (Grecian laurel) leaf	British Honduras	1	-----	-----	Fla.
Aleurotrachelus camelliae (Kuw.) (Aleyrodidae):					
Camellia japonica (leaf)	Japan	-----	-----	2	D.C.
Aleyrodes lonicerae Wlk. (Aleyrodidae):					
Fragaria sp. (strawberry) leaf	France	-----	-----	1	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Alpheias conspirata Hein. (Galleriidae):					
Ananas comosus (pineapple)	Mexico	4			Tex.
Alsophila membranaria (Christ.) (Geometridae):					
Prunus sp. (cut flowers)	Japan	2			Hawaii.
Althos obscurus (Stal) (Coreidae):					
Bromeliad	Mexico			1	Tex.
Amitermes wheeleri (Desn.) (Termitidae):					
Cactus	do			1	Tex.
Amnestus uhleri Dist. (Pentatomidae):					
Chamaedorea sp. (palm)	do			1	Tex.
Amphimallon majalis Raz. (Scarabaeidae):					
Quarters	Unknown		1		Mich.
Anabalius amplicollis (Fairm.) (Curculionidae):					
Artocarpus sp. (seed)	Guam			1	Hawaii.
Anacridium aegyptium (L.) (Acrididae):					
Brassica oleracea var. *capitata* (cabbage)	Italy		1		Md.
Military cargo	Spain	2			Mass., Tex.
Anastrepha ludens (Loew) (Tephritidae):					
Casimiroa edulis (white sapote)	Mexico	2			Tex.
Citrus aurantifolia (lime)	do	6			Ariz., Calif., Tex.
C. aurantium (sour orange)	do	1			Fla.
C. paradisi (grapefruit)	do	5	1		Ala., Tex.
C. sinensis (sweet orange)	Guatemala, Mexico	35	4		Ariz., Calif.,* Fla., Tex., Va.
Cydonia oblonga (quince)	Mexico	1			Tex.
Mangifera indica (mango)	do	19	1		Calif., Calif.,* Fla., Ill., N.Y., Tex.
Pyrus communis (pear)	do	1			Tex.
Anastrepha mombinpraeoptans Seln (Tephritidae):					
Citrus sinensis (sweet orange)	do	1			Tex.
Eugenia jambos (rose-apple)	British Honduras	1			Calif.*
Mangifera indica (mango)	Barbados, British Honduras, Costa Rica, Curacao, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Venezuela.	110	6		Ala., Calif., Calif.,* Fla., La., Md., N.Y., N.C., P.R., Tex.
Psidium guajava (guava)	Dominican Republic	1			Pa.
Spondias cytherea (vi-apple)	Jamaica	2			N.Y.
S. mombin (yellow mombin)	Costa Rica, Dominican Republic, El Salvador, Guatemala, Mexico, Nicaragua.	21	1		Calif.,* Fla., N.Y.
S. purpurea (purple mombin)	Guatemala	1			La.
Terminalia catappa (tropical almond)	Jamaica	1			N.Y.
Anastrepha serpentina (Wied.) (Tephritidae):					
Achras zapota (sapodilla)	El Salvador	1			Calif.*
Calocarpum sapota (mamey sapote)	do	2			Calif.*
Anastrepha suspensa (Loew) (Tephritidae):					
Psidium guajava (guava)	Jamaica, Puerto Rico	3			N.Y., P.R.
Ancognatha scarabaeoides Er. (Scarabaeidae):					
Airplane	Colombia		1		Fla.
Ancylostomia stercorea (Zell.) (Phycitidae):					
Bromeliad (leaf)	Mexico			1	Fla.
Cajanus cajan (pigeonpea)	Canal Zone, Dominican Republic, Haiti, Jamaica, Panama, St. Kitts, St. Martin, Tortola.	29	1		Am. V.I., Calif.,* Fla., Ill., N.Y.
Cicer arietinum (chickpea)	El Salvador, Panama	2			Calif.,* Fla.
Phaseolus vulgaris (bean)	Dominican Republic	1			N.Y.
Pisum sativum (pea)	Ecuador	1			Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Anthela ocellata Wlk.(?) (Lymantriidae):					
Airplane	Australia		1		Hawaii.
Antillocoris punctatus (Dist.) (Lygaeidae):					
Orchid (plant)	Mexico			1	Tex.
Antiteuchus panamensis Ruckes (Pentatomidae):					
Orchid (plant)	Honduras			1	Fla.
Antonina graminis (Mask.) (Coccidae):					
Digitaria pentzii (Pentz fingergrass)	Formosa			1	D.C.
Anuraphis apiifolia Theob. (Aphidae):					
Cynara scolymus (artichoke)	Italy		1		Wis.
Foeniculum vulgare (fennel)	do	1			Mass.
Anuraphis cardui (L.) (Aphidae):					
Lactuca sativa (lettuce)	do		1		N.Y.
Aonidiella citrina Coq. (Coccidae):					
Citrus aurantium (sour orange)	Japan		1		Calif.*
C. reticulata (Mandarin orange)	do	1			Hawaii.
C. sinensis (sweet orange)	Japan, Republic of South Africa, Spain, unknown.	2	3		Fla., Hawaii, Mich.
Aonidiella comperei McKenzie (Coccidae):					
Citrus paradisi (grapefruit)	Cuba			1	D.C.
Aonidiella inornata McKenzie (Coccidae):					
Cocos nucifera (coconut)	Philippines		1		Calif.*
Cycas revoluta (sago palm)	Okinawa			1	Hawaii.
Aphis callunae Theob. (Aphidae):					
Calluna vulgaris (heather)	Poland	1			N.Y.
Apion griseum Sm. (Curculionidae):					
Phaseolus vulgaris cv. (string bean)	Mexico	4			Tex.
Apomecyna saltator (Fab.) (Cerambycidae):					
Cucumis dipsaceus (teaselgourd)	Hawaii	1			Hawaii.
Araecerus levipennis Jord. (Anthribidae):					
Leucaena leucocephla (white popinac leadtree) pod.	do	1			Hawaii.
Archachatina marginata (Swainson) (Achatinidae):					
Cargo (as specimen for zoo)	Spain	1			Calif.*
Ardis sulcata (Cam.) (Tenthredinidae):					
Rosa hybrid (leaf)	Germany	1			Ill.
Arge ochropa (Gmel.) (Argidae):					
Rosa hybrid (cut flower)	Poland	2			N.Y.
Arge pleuritica (Klug) (Argidae):					
Airplane	France(?)		1		Pa.
Arge similis (Voll.) (Argidae):					
Rhododendron obtusum var. *kaempferi* (torch azalea).	Japan			1	D.C.
Rhododendron sp.	do			1	D.C.
Argyresthia conjugella (Zell.) (Hyponomeutidae):					
Malus sylvestris (apple)	Norway, Union of Soviet Socialist Republics.	3			N.Y.
Sorbus sp. (mountainash) berry	England, Norway, Scotland.	3		1	N.Y
Argyresthia eugeniella Busck (Hyponomeutidae):					
Psidium guajava (guava)	Puerto Rico	1			P.R.
Arianta arbustorum (L.) (Helicidae):					
Fragaria sp. (strawberry) plant	Netherlands			1	N.Y.
Soil with *Rosa* hybrid (plant)	Germany	1			N.Y.
Arion ater (L.) (Arionidae):					
Beta vulgaris var. *cicla* (Swiss chard)	Italy		1		N.Y.
Bromeliad (leaf)	Netherlands			1	Fla.
Leaf—unidentified	France	1			N.Y.
Arion circumscriptus Johnston (Arionidae):					
Soil on *Rosa* hybrid	Germany			1	N.J.
Arion hortensis Fer. (Arionidae):					
Brassica oleracea var. *capitata* (cabbage)	England, France		2		N.Y., P.R.
Lactuca sativa (lettuce)	France		2		N.Y.
Malus sylvestris (apple)	Germany, Ireland	2			Ill., Mich
Soil	France	1			Mass.
Soil with flower bulb	do			1	Ill.
Arphnus melanotylus Ashlock (Lygaeidae):					
Bromeliad (plant)	Mexico			1	Tex

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Aspidiotus destructor Sign. (Coccidae):					
Cocos nucifera (coconut)	American Virgin Islands, Bahamas, Costa Rica, Cayman Islands, Nicaragua, Panama.	5	2		Bahamas, Calif.,* Fla., N.Y.
Kentia sp. (palm) leaf	Japan		1		Calif.*
Maranta sp. (arrowroot) leaf	Panama			1	Fla.
Prunus domestica (plum)	Mexico			1	Tex.
Terminalia catappa (tropical almond)	Jamaica	1			Fla.
Aspidiotus diffinis Newst. (Coccidae):					
Spondias sp. (mombin)	Mexico	1			Ariz.
Aspidiotus excisus Green (Coccidae):					
Cocos nucifera (coconut) cap	Costa Rica	1			Calif.*
Aspidiotus herculeanus Ckll. & Hadden (Coccidae):					
Fruit—unidentified	El Salvador	1			Calif.*
Spondias mombin (yellow mombin)	Nicaragua	1			Calif.*
Aspidiotus mendax (McKenzie) (Coccidae):					
Bromeliad (leaf)	Brazil			1	Fla.
Aspidiotus palmae Ckll. (Coccidae):					
Artocarpus sp. (leaf)	Philippines		1		Hawaii.
Bromeliad (leaf)	Germany			1	Fla.
Cocos nucifera (coconut) cap	Costa Rica	1			Calif.*
Cycas revoluta (sago palm)	Mexico			1	Tex.
Kentia sp. (palm) leaf	Japan		1		Calif.*
Trichopilia tortilis (orchid) leaf	Guatemala			1	Fla.
Asterobemisia carpini (Koch) (Aleyrodidae):					
Rubus sp. (leaf)	France		3		Mass., N.Y.
Asterolecanium bambusae (Bdv.) (Coccidae):					
Bambusa sp. (bamboo)	Mexico	1			Calif.
Asterolecanium epidendri (Bouché) (Coccidae):					
Broughtonia sp. (orchid)	Jamaica			1	Fla.
Cattleya sp. (orchid) leaf	Costa Rica			1	Fla.
Epidendrum collare (orchid) leaf	Ecuador			2	Calif.*
Odontoglossum sp. (orchid) leaf	Costa Rica			1	Fla.
Oncidium sp. (orchid) leaf	Brazil, Peru			2	Fla.
Orchid (leaf)	Brazil, Cuba, Jamaica, Nicaragua, Panama, Peru.			8	Fla.
Asterolecanium euphorbiae Rsl. (Coccidae):					
Euphorbia stellaespina (starspine euphorbia)	Republic of South Africa.			1	Tex.
Asterolecanium miliaris miliaris (Bdv.) (Coccidae):					
Bamboo (node)	Cuba	1			Fla.
Asterolecanium pseudomiliaris Green (Coccidae):					
Bambusa vulgaris (common bamboo)	Hawaii	1			Hawaii.
Asterolecanium simile Rsl. (Coccidae):					
Orbignya cohune (cohune palm) seed	British Honduras			1	Fla.
Atheas nigricornis Champ. (Tingidae):					
Bromeliad	Mexico			1	Tex.
Aulacaspis ericacearum Takagi (Coccidae):					
Epigaea asiatica (Asiatic trailing-arbutus)	Japan			1	D.C.
Aulacaspis tubercularis Newst. (Coccidae):					
Mangifera indica (mango)	El Salvador, Formosa, Pakistan.	8		1	Calif.,* Fla., Wash.
Austrotortrix postvittana (Wlk.) (Tortricidae):					
Airplane	New Zealand		1		Hawaii.
Autographa gamma (L.) (Noctuidae):					
Brassica oleracea var. *botrytis* (cauliflower)	France		1		N.Y.
Lactuca sativa (lettuce)	do		1		N.Y.
Baris lepidii Germ. (Curculionidae):					
Armoracia lapathifolia (horseradish) root	Czechoslovakia	1			N.Y.
Bathydema socia Uhler (Lygaeidae):					
Orchid (plant)	Ecuador			2	Fla., N.Y.
Batrachedra linaria Clarke (Cosmopterigidae):					
Agave shawii	Mexico			2	Calif.
Bephrata maculicollis Cam. (Eurytomidae):					
Annona muricata (soursop)	Venezuela	1			Fla.
Bibio marci (L.) (Bibionidae):					
Airplane	France		1		N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

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		Consumption	Nonentry	Propagation	
Blastodacna atra (Haw.) (Cosmopterigidae):					
Malus sylvestris (apple)	Poland, unknown	1	1	-----	N.Y.
Blastophagus piniperda (L.) (Scolytidae):					
Conifer (crate)	Portugal	1	-----	-----	Fla.
Blissus diplopterus Dist. (Lygaeidae):					
Ornithogalum thyrsoides (Cape chinkerichee)	Republic of South Africa.	1	-----	-----	N.Y.
Prunus armeniaca (apricot)	do	2	-----	-----	N.Y.
Blosyris scops (Guen.) (Noctuidae):					
Airplane	Unknown	-----	1	-----	N.Y.
Bostrichus capucinus (L.) (Bostrichidae):					
Glycyrrhiza sp. (licorice) root	Syria	1	-----	-----	Md.
Brachybaenus ablutus (Brunn.) (Gryllacrididae):					
Airplane	Mexico	-----	1	-----	Tex.
Brachycerus albidentatus Gyll. (Curculionidae):					
Allium sativum (garlic)	Italy	1	-----	-----	N.Y.
Bradybaena similaris (Fer.) (Bradybaenidae):					
Anthurium sp. (cut flowers)	Hawaii	2	-----	-----	Hawaii.
Antirrhinum majus (snapdragon) cut flowers	Bermuda	1	-----	-----	N.Y.
Asparagus plumosus (fern asparagus)	Hawaii	1	-----	-----	Hawaii.
Plants—unidentified	Bermuda	-----	-----	1	Va.
Zingiber officinale (ginger)	Hawaii	1	-----	1	Hawaii.
Brevipalpus obovatus Donn. (Tenuipalpidae):					
Citrus sinensis (sweet orange)	Argentina	-----	1	-----	Ga.
Bruchidius lividimanus (Gyll.) (Bruchidae):					
Cytisus battandieri (broom) seed	France	-----	-----	1	N.J.
Bruchus dentipes (Baudi) (Bruchidae):					
Vicia faba (broadbean)	Italy	1	-----	-----	Ill.
Bruchus ervi Froel. (Bruchidae):					
Lens culinaris (lentil)	England, Greece, Italy, Spain, Turkey.	5	3	-----	Fla., N.J., N.Y., Pa., Wis.
Bruchus lentis Froel. (Bruchidae):					
Lens culinaris (lentil)	Italy, Netherlands	3	1	-----	N.J., N. S.C.
Bruchus signaticornis Gyll. (Bruchidae):					
Lathyrus sp. (peavine)	Italy	1	-----	-----	N.Y.
Lens sp. (lentil)	do	1	-----	1	N.Y.
Vicia faba (broadbean)	do	1	-----	-----	N.Y.
Bruchus tristis Boh. (Bruchidae):					
Lathyrus sativus (grass peavine)	do	1	-----	1	N.Y.
Lupinus sp. (lupine) seed	Azores	-----	-----	1	N.Y.
Bulimulus fraterculus (Potiez & Michaud) (Bulimulidae):					
Military cargo	Morocco	1	-----	-----	N.Y.
Bulimulus hepatostomus Pfeiffer (Bulimulidae):					
Cactus (plant)	Mexico	-----	-----	1	Tex.
Bulimulus unicolor (Sowerby) (Bulimulidae):					
Musa paradisiaca var. *sapientum* (banana)	Honduras	3	-----	-----	N.Y., S.C.
Cacoecimorpha pronubana (Hbn.) (Tortricidae):					
Dianthus caryophyllus (carnation) cut flowers	Unknown	1	-----	-----	N.Y.
Plant material (flowers and vegetables)	France	1	-----	-----	N.Y.
Punica granatum (pomegranate)	Italy	3	-----	-----	N.Y.
Callidium rufipenne Motsch. (Cerambycidae):					
Wood (milled lumber)	Japan	-----	1	-----	Calif.*
Callosobruchus analis (F.) (Bruchidae):					
Cajanus cajan (pigeonpea)	India	-----	1	-----	Tex.
Phaseolus aureus (mung bean)	do	-----	1	-----	Tex.
Calocoris hispanicus (Gmelin) (Miridae):					
Rosa hybrid (rose) petals	France	1	-----	-----	N.Y.
Campylenchis hastata F. (Membracidae):					
Coffea sp. (coffee) berry	Trinidad	-----	-----	1	Am. V.I.
Capaneus tetricus Stal (Coreidae):					
Oncidium luridum (orchid) plant	Mexico	-----	-----	1	Tex.
Orchid	do	-----	-----	1	Tex.
Capillifera plebeia (Draparnaud) (Helicellidae):					
Soil	Italy	1	-----	-----	N.Y.
Cardiophorus histrio Erichson (Elateridae):					
Succulent (plant)	Republic of South Africa.	-----	-----	1	Fla.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nomenclature	Propagation	
Carposina niponensis Wlsm. (Carposinidae):					
Malus sylvestris (apple)	Japan	-----	9	-----	Calif.,* Hawaii, Pa., Wash.
Pyrus communis (pear)	----do	1	-----	-----	Wash.
Caryedon gonagra (F.) (Bruchidae):					
Bagging (used)	Netherlands	1	-----	-----	S.C.
Stores	India, unknown	-----	2	-----	La., Tex.
Tamarindus indica (tamarind) pod	India	-----	3	-----	Pa., Tex.
Caulotops distanti (Reuter) (Miridae):					
Agave victoriae-reginae	Mexico	-----	-----	5	Tex.
Cecilioides acicula (Müller) (Achatinidae):					
Apium graveolens (celery)	Netherlands	-----	1	-----	Pa.
Bulb—unidentified	Germany	-----	-----	1	N.Y.
Orchid (plant)	British Honduras	-----	-----	1	Fla.
Soil with *Brassica napobrassica* (rutabaga)	Germany	-----	1	-----	Fla.
Soil with propagative material (cactus, *Olea europaea*, *Prunus* sp., *Sedum* sp., and unidentified plants).	Azores, Germany, Iran, Italy.	-----	-----	6	D.C., Mass., Mich., Pa.
Cecilioides aperta (Swainson) (?) (Achatinidae):					
Encephalartos hildebrandtii (Hilldebrandt kaffirbread).	Kenya	-----	-----	1	N.J.
Cenopalpus pulcher (C. & F.) (Tenuipalpidae):					
Sorbus domestica (servicetree mountainash) fruit and leaf.	Italy	2	-----	-----	N.Y.
Cepaea nemoralis (L.) (Helicidae):					
Military cargo	France	3	-----	-----	La., N.Y.
Ceratitis capitata (Wied.) (Tephritidae):					
Capsicum annuum (pepper)	Italy	1	-----	-----	N.Y.
Citrus limon (lemon)	----do	1	-----	-----	N.Y.
C. paradisi (grapefruit)	Cyprus, Italy, Spain, Turkey.	-----	5	-----	Ala., Ga., Md., N.Y., Pa.
C. reticulata (Mandarin orange)	Argentina, Italy	8	-----	-----	N.Y.
C. sinensis (sweet orange)	Azores, Italy, Lebanon, Portugal, Spain, United Arab Republic, unknown.	5	11	-----	Fla., N.Y., Pa., P.R.
Coffea arabica (Arabian coffee) berry	Brazil, Hawaii	50	-----	2	Calif.,* Fla., Hawaii.
Coffea sp	Brazil	2	-----	-----	N.Y.
Cydonia oblonga (quince)	Greece, Italy	3	-----	-----	N.Y.
Diospyros sp. (persimmon)	Italy	1	-----	-----	N.Y.
Eriobotrya japonica (loquat)	----do	2	-----	-----	N.Y.
Ficus carica (fig)	Argentina, Italy	17	-----	-----	Fla., Mass., N.Y.
Malus sylvestris (apple)	Italy	1	-----	-----	N.Y.
Opuntia humifusa (pricklypear)	Greece, Italy	4	-----	-----	N.Y.
Prunus domestica (plum)	Italy	2	-----	-----	Mass., N.Y.
P. persica (peach)	----do	2	2	-----	N.Y.
P. persica var. *nectarina* (nectarine)	Argentina	1	-----	-----	Fla.
Psidium littorale (Cattley guava)	Portugal	1	-----	-----	N.Y.
P. littorale var. *lucidum* (yellow Cattley guava)	----do	1	-----	-----	N.Y.
Punica granatum (pomegranate)	Argentina, Israel, Italy.	6	-----	-----	Fla., N.Y.
Pyrus communis (pear)	Italy	6	-----	-----	Mass., N.Y.
Rosaceae (fruit)	Cyprus	2	-----	-----	N.Y.
Sorbus sp. (mountainash) fruit	Italy	1	-----	-----	N.Y.
Terminalia catappa (tropical almond)	Hawaii	2	-----	-----	Hawaii.
Vitis sp. (grape)	Azores	---	1	-----	N.Y.
Ceratitis capitata (Wied.) (?) (Tephritidae):					
Citrus grandis (pummelo)	Hawaii	1	-----	-----	Hawaii.
C. paradisi (grapefruit)	Peru(?)	-----	1	-----	Fla.
C. sinensis (sweet orange)	Italy, Spain	-----	2	-----	Fla., Mass
Coffea arabica (Arabian coffee) berry	Hawaii	3	-----	-----	Hawaii.
Coffea sp. (seed)	Ethiopia	-----	-----	1	D.C.
Diospyros kaki (kaki persimmon)	Argentina	1	-----	-----	Fla.
Pandanus sp. (screwpine) lei	Hawaii	1	-----	-----	Hawaii.
Ceratitis colae Silv. (Tephritidae):					
Coffea sp. (seed)	Ethiopia	-----	-----	1	D.C.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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Cerconota anonella (Sepp) (Stenomidae):					
Annona squamosa (sugar-apple)	Brazil	1			N.Y.
Annona sp. (fruit)	Brazil, Honduras, Paraguay.		1	3	Fla., Tex.
Ceroplastes rubens Mask. (Coccidae):					
Alyxia olivaeformis (maile alyxia) leaf	Hawaii	1			Calif.*
Cibotium sp. (tree fern)	do	1			Hawaii.
Polypodium sp. (fern)	Tahiti	1			Hawaii.
Cerotoma atrofasciata Jac. (Chrysomelidae):					
Fragaria sp. (strawberry)	Mexico	2			N.Y.
Ceutorhynchus pleurostigma Marsh. (Curculionidae):					
Brassica rapa (turnip)	Italy		1		Calif.*
Characoma albulalis Wlk.(?) (Noctuidae):					
Airplane	Unknown		1		Hawaii.
Chilo loftini Dyar (Crambidae):					
Saccharum officinarum (sugarcane)	Mexico	44			Ariz., Calif.
Chilo suppressalis (Wlk.) (Crambidae):					
Cargo (with *Santalum* sp. (sandalwood) tree)	Japan			1	Hawaii.
Oryza sativa (rice) straw	Japan, Philippines, Spain, unknown.	15	2		Calif.,* Hawaii, N.J., N.Y., Va.
Chilo zonellus (Swinh.) (Crambidae):					
Airplane	Philippines		1		Hawaii.
Chlorotettix tethys Van Duzee (Cicadellidae):					
Airplane	Nicaragua		1		P.R.
Chondropoma picta (Pfeiffer)(?) (Pomatiasidae):					
Orchid (plant)	Cuba			1	Fla.
Chondrula pupa (Bruguiere)(?) (Enidae):					
Roots—unidentified	Italy	1			N.Y.
Chrysomphalus agavis (Towns. & Ckll.) (Coccidae):					
Yucca sp.	Mexico			1	Calif.*
Chrysomphalus calurus (Ckll.) (Coccidae):					
Spondias mombin (yellow mombin)	Guatemala, Nicaragua.	2			Calif.*
Chrysomphalus nigropunctatus (Ckll.) (Coccidae) (tentative):					
Dracaena sp. (stem)	Costa Rica			1	Fla.
Chrysomphalus nulliporus McKenzie (Coccidae):					
Dendrobium sp. (orchid) leaf	India			1	N.J.
Chrysomphalus odontoglossi (Ckll.) (Coccidae):					
Cydonia oblonga (quince)	Peru	1			Fla.
Chrysomphalus paulistus (Hempel) (Coccidae) (tentative):					
Laurus sp. (laurel) leaf	Argentina	1			Fla.
Chrysomphalus personatus (Comst.) (Coccidae):					
Citrus aurantifolia (lime)	Brazil, Mexico		4		Calif.*
C. aurantium (sour orange)	Brazil		1		Calif.*
C. limon (lemon)	do		1		Calif.*
C. paradisi (grapefruit)	do		1		Calif.*
C. sinensis (sweet orange)	Argentina, Brazil, unknown.	2	19		Calif.,* Fla. Pa.
Cocos nucifera (coconut) cap	Costa Rica	1			Calif.*
Leaf—unidentified	do		1		Calif.*
Mangifera indica (mango)	Mexico	2			Calif.
Chrysomphalus sphaerioides (Ckll.) (Coccidae):					
Chamaedorea sp. (palm) plant	do			1	Calif.
Chrysomphalus tenax (McKenzie) (Coccidae):					
Philodendron dubium	do			1	Tex.
Chrysomphalus tingi (McKenzie) (Coccidae):					
Agave americana (century plant)	do			1	Calif.*
Chrysomphalus umboniferus (Newst.) (Coccidae):					
Bromeliad (plant)	Costa Rica			1	Fla.
Cattleya sp. (orchid) leaf	Honduras			1	Fla.

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Chrysomphalus umboniferus—Continued					
Diachaea sp. (orchid) leaf	Costa Rica			1	Fla.
Orchid (leaf)	Canal Zone, Costa Rica, El Salvador, Guatemala, Mexico, Peru.			13	Ariz., Calif.,* Fla.
Philodendron sp. (leaf)	Peru			1	Fla.
Sobralia sp. (orchid) leaf	Costa Rica			1	Calif.*
Cladius pectinicornis (Fourc.) (Tenthredinidae):					
Rosa hybrid (rose)	Denmark, England, Germany, Netherlands.	4	1	1	Ill., Mich., N.Y., Wash.
Soil with *Ilex* sp. plant	Switzerland			1	N.Y.
Clausilia lineolata Held (?) (Clausiliidae):					
Military cargo	France	1			N.J.
Cleistolophus similis (Chev.) (Curculionidae):					
Chrysanthemum sp. (cut flowers)	Guatemala	1			Fla.
Clerada apicicornis Sign. (Lygaeidae):					
Baggage	Hawaii	1			Hawaii.
Grass (dried—used for tea)	Dominican Republic	1			N.Y.
Clysiana ambiguella (Hbn.) (Phaloniidae):					
Prunus persica (peach)	Italy	1			N.Y.
Vitis sp. (grape)	do	1			N.Y.
Coccus alpinus deLotto (Coccidae):					
Coffea arabica (Arabian coffee)	Brazil	1		1	Fla.
Coccus viridis (Green) (Coccidae):					
Alpinia purpurata	Hawaii	1			Hawaii.
Alstonia sp (leaf)	New Guinea	1			Calif.*
Citrus sp. (plant)	Tahiti			1	Hawaii.
Coffea arabica (Arabian coffee) berry	Hawaii	8			Hawaii.
Gardenia jasminoides	do	121	2	7	Calif.,* Hawaii.
Ixora chinensis	Fiji	1			Hawaii.
Ixora sp	Tahiti	2			Hawaii.
Plumeria rubra (Mexican frangipani)	Hawaii			1	Hawaii.
Plumeria sp	do		1	2	Hawaii.
Polianthes tuberosa (tuberose)	Tahiti	1			Hawaii.
Schinus terebinthifolia (Brazil peppertree)	Hawaii	1			Hawaii.
Triphasia trifolia (limeberry)	do			1	Hawaii.
Cochlicella barbara (L.) (Helicellidae):					
Military cargo	Italy, Libya, Morocco, Spain.	24			La., N.Y., S.C., Va.
Mirabilis jalapa (common four-o'clock) seed	France			1	Pa.
Soil	Italy	1			N.Y.
Cochlicella conoidea (Draparnaud) (Helicellidae):					
Military cargo	Spain	1			Va.
Cochlicella ventrosa (Fer.) (Helicellidae):					
Brassica oleracea var. *botrytis* (broccoli) seed	Italy			1	N.Y.
Cedrus sp. (cedar)	Bermuda		1		Fla.
Military cargo	Azores, Italy, Morocco, Spain, Turkey.	13			La., N.Y., S.C., Tex., Va.
Soil with unidentified plants	Bermuda			1	Va.
Conchaspis orchidarum Mamet (Coccidae):					
Orchid (pseudobulb)	Panama			1	P.R.
Conchylodes bryophilalis Hamp. (Pyraustidae):					
Airplane	Costa Rica		1		Fla.
Conocephalus longipennis (Haan) (Tettigoniidae):					
Airplane	Philippines		1		Hawaii.
Conoderus exsul (Sharp) (Elateridae):					
Asparagus myriocladus	Hawaii	1			Hawaii.
Conotelus mexicanus Murr. (Nitidulidae):					
Chrysanthemum sp. (cut flowers)	Mexico	5			Ariz., Tex.
Cucurbita sp	do	1			Ariz.
Gardenia sp	Hawaii	1			Hawaii.
Lathyrus odoratus (sweetpea)	Mexico	1			Tex.
Plumeria sp	Hawaii	1			Hawaii.
Spinacia oleracea (spinach)	Mexico	1			Tex.
Vanda sp. (orchid)	Hawaii	1			Hawaii.
Zinnia sp. (cut flowers)	Mexico	1			Ariz.

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Conotrachelus aguacatae Barber (Curculionidae):					
Persea americana (avocado)	Mexico	11			Ariz., Tex.
Conotrachelus perseae Barber (Curculionidae):					
Persea americana (avocado)	do	1			Tex.
Contigaspis indogoferae Hall (Coccidae):					
Succulent (plant)	Republic of South Africa.			1	D.C.
Coptotermes testaceus L. (Rhinotermitidae):					
Jacaranda sp. (log)	Brazil	1			La.
Coryda nemoraloides (C. B. Adams) (Helminthoglyptidae):					
Philodendron sp. (plant)	Jamaica			1	Fla.
Corythaica carinata Uhler (Tingidae):					
Herb (dried)	Barbados	1			N.Y.
Mentha sp. (mint) leaf	Haiti	1			N.Y.
Corythaica cyathicollis (Costa) (Tingidae):					
Flowers	Antigua	1			Am. V.I.
Corythucha mcelfreshi Drake (Tingidae):					
Montanoa hibiscifolia	Mexico	1			Tex.
Coryzorhaphis cruciata Stal (Pentatomidae):					
Cargo	Honduras	1			S.C.
Cosmopolites sordidus (Germ.) (Curculionidae):					
Musa sp. (banana) plant	Mexico			1	Tex.
Crocidophora sinisalis (Wlk.) (Pyraustidae):					
Airplane	Japan(?)		1		Hawaii.
Cryphula apicata (Dist.) (Lygaeidae):					
Bromeliad (plant)	Canal Zone, Mexico			3	Ariz., Fla., Tex.
Cactus (plant)	Mexico			1	Tex.
Orchid (plant)	British Honduras, Guatemala, Honduras, Mexico.			10	Ariz., Fla., Tex.
Plant—unidentified	Mexico			1	Tex.
Cryptoblabes gnidiella (Mill.) (Phycitidae):					
Citrus sinensis (sweet orange)	Italy, Spain, unknown.	1	11		Fla., N.Y., N.C.
Punica granatum (pomegranate)	France, Greece, Israel, Italy.	15			Mich., N.Y.
Vitis sp. (grape)	Italy	1			N.Y.
Cryptocephalus marginicollis Suffr. (Chrysomelidae):					
Ananas comosus (pineapple)	Cuba	1			Fla.
Cryptophlebia leucotreta (Meyr.) (Olethreutidae):					
Citrus sinensis (sweet orange)	Republic of South Africa.		2		Pa.
Coffea arabica (Arabian coffee)	Ethiopia			1	D.C.
Cryptophlebia ombrodelta (Lower) (Olethreutidae):					
Phaseolus lunatus (lima bean)	Hawaii	1			Hawaii.
Pithecellobium dulce (guamachil apes-earring) pod.	do	1			Hawaii.
Samanea saman (raintree saman) seed	do			1	Hawaii.
Cryptotermes brevis (Wlk.) (Kalotermitidae):					
Paper (carton)	do	2			Hawaii.
Ctenoglyphus plumiger (Koch) (Glycyphagidae):					
Citrus sinensis (sweet orange)	Argentina		1		Fla.
Curculio elephas (Gyll.) (Curculionidae):					
Castanea sp. (chestnut)	Greece, Italy, Portugal, Spain, Yugoslavia.	118			Ill., Mass., N.Y., Pa.
Quercus suber (cork oak) seed	Spain			1	N.J.
Quercus sp. (seed)	Italy	2			N.Y.
Curculio nucum L. (Curculionidae):					
Castanea sp. (chestnut)	do	1			N.Y.
Corylus avellana (European filbert) nut	Italy, Lithuania	2			N.Y.
Corylus sp. (hazelnut)	France	1			N.Y.
Cylas formicarius (F.) var. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Puerto Rico	2			P.R.

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Cylas formicarius elegantulus (Summers) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Antigua, Cuba, Dominican Republic, Haiti(?), Trinidad, Venezuela.	8	6	-----	Ala., Fla., N.Y., P.R.
Cylas puncticollis Boh. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Sierra Leone	-----	1	-----	Md.
Dacus dorsalis Hend. (Tephritidae):					
Artocarpus altilis (breadfruit)	Hawaii	1	-----	-----	Hawaii.
Carica papaya (papaya)	do	2	-----	-----	Hawaii.
Mangifera indica (mango)	Guam, Hawaii	5	-----	-----	Calif.,* Hawaii.
Murraya paniculata (orange-jasmine) fruit	Hawaii	1	-----	-----	Hawaii.
Musa sp. (banana)	do	1	-----	-----	Hawaii.
Psidium guajava (guava)	Hawaii, Philippines	3	-----	-----	Hawaii.
Terminalia catappa (tropical almond)	Hawaii	7	-----	-----	Hawaii.
Dacus dorsalis Hend. (?) (Tephritidae):					
Eugenia malaccensis (Malay-apple)	do	1	-----	-----	Hawaii.
Psidium guajava (guava)	Unknown	-----	1	-----	Hawaii.
Terminalia catappa (tropical almond)	Hawaii	1	-----	-----	Hawaii.
Dacus oleae (Gmel.) (Tephritidae):					
Olea europaea (olive)	Cyprus, Italy, Lebanon, Spain, Syria.	43	-----	-----	Mass., N.Y.
Deilephila nerii (L.) (Sphingidae):					
Cargo (with cow horns in boxes)	Africa (country(?))	1	-----	-----	La.
Deloyala guttata (Ol.) (Chrysomelidae):					
Airplane	Dominican Republic	-----	1	-----	P.R.
Dendrocoris variegatus Nelson (Pentatomidae):					
Orchid (plant)	Mexico	-----	-----	1	Tex.
Plant—unidentified	do	-----	-----	1	Tex.
Dendrothripoides ipomeae Bagnall (Thripidae):					
Operculina tuberosa (wood-rose)	Hawaii	1	-----	-----	Hawaii.
Dialeurodes chittendeni Laing (Aleyrodidae):					
Rhododendron 'Ursula Sims'	Germany	-----	-----	1	N.J.
Rhododendron sp	England, Netherlands.	-----	-----	19	N.J.
Dialeurodes citrifolii (Morg.) (Aleyrodidae):					
Citrus sinensis (sweet orange) leaf	Nicaragua	1	-----	-----	Calif.*
Dialeurodes kirkaldyi (Kot.) (Aleyrodidae):					
Gardenia sp. (leaf)	Tahiti	2	-----	-----	Calif.,* Hawaii.
Jasminum sambac (Arabian jasmine)	Hawaii	2	-----	1	Hawaii.
Jasminum sp. (leaf)	Philippines	-----	-----	1	Calif.*
Diaphania indica (Saund.) (Pyraustidae):					
Cucumis sp.	Jamaica	2	-----	-----	Fla.
Diaphone eumela (Cram.) (Noctuidae):					
Ornithogalum thyrsoides (Cape chinkerichee)	Republic of South Africa.	2	-----	-----	N.Y.
Diaspis juniperi (Bouché) (Coccidae):					
Juniperus squamata var. *wilsonii* (Wilson singleseed juniper).	Netherlands	-----	-----	1	D.C.
Juniperus sp. (berry)	Yugoslavia	-----	-----	1	Mich.
Thuja occidentalis 'Indomitable'	Netherlands	-----	-----	1	D.C.
Diaspis minima Targ. (Coccidae):					
Cupressus sp. (cypress) cone	France, Italy	2	-----	-----	Mass., N.Y.
Diatraea magnifactella Dyar (Crambidae):					
Saccharum officinarum (sugarcane) node	Mexico	1	-----	-----	Tex.
Dichelops furcatus (F.) (Pentatomidae):					
Vitis sp. (grape)	Argentina	1	-----	-----	La.
Dichocrocis punctiferalis (Guen.) (Pyraustidae):					
Pinus sp. (5-needle pine) twig	Japan	-----	-----	1	Calif.*
Dichromothrips corbetti (Priesner) (Thripidae):					
Vanda 'Miss Joachim' (orchid)	Hawaii	4	-----	-----	Hawaii.
Diocalandra taitensis (Guer.) (Curculionidae):					
Cocos nucifera (coconut)	do	4	1	-----	Calif.,* Hawaii.
Dolerus anthracinus (Klug) (Tenthredinidae):					
Airplane	France	-----	1	-----	Ill.

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Drosicha howardi (Kuw.) (Coccidae) (tentative):					
Rhododendron sp.	Japan	-----	-----	1	D.C.
Drymaeus alternans (Beck) (Bulimulidae):					
Bromeliad (plant)	Costa Rica, Honduras.	-----	-----	2	Fla.
Orchid (plant)	Guatemala	-----	-----	1	Tex.
Drymaeus cuernavacensis (Crosse & Fischer) (Bulimulidae):					
Orchid (plant)	Mexico	-----	-----	1	Tex.
Drymaeus hegewischi (Pfeiffer) (Bulimulidae):					
Bromeliad (plant)	do	-----	-----	2	Ariz., Tex.
Drymaeus hepatostomus (Pfeiffer) (?) (Bulimulidae):					
Selaginella sp. (plant)	do	-----	-----	1	Tex.
Drymaeus heynemanni (Pfeiffer) (Bulimulidae):					
Orchid (plant)	do	-----	-----	1	Tex.
Drymaeus multilineatus (Say) (Bulimulidae):					
Orchid (plant)	Venezuela	-----	-----	1	Fla.
Drymaeus rudis (Anton) (Bulimulidae):					
Orchid (plant)	Mexico	-----	-----	1	Tex.
Dyscinetus frater Bates (Scarabaeidae):					
Quarters	do	-----	1	-----	Fla.
Dyscinetus laevipunctatus Bates (Scarabaeidae):					
Quarters	do	-----	1	-----	Fla.
Dysdercus mimulus Hussey (Pyrrhocoridae):					
Automobile	do	-----	2	-----	Tex.
Railway car	do	-----	1	-----	Tex.
Dysdercus mimus (Say) (?) (Pyrrhocoridae):					
Cargo (with bananas)	Ecuador	1	-----	-----	Fla.
Dysdercus obliquus (H.-S.) (?) (Pyrrhocoridae):					
Railway car	Mexico	-----	1	-----	Ariz.
Dyspessa ulula (Bkh.) (Cossidae):					
Allium sativum (garlic)	Spain	1	-----	-----	P.R.
Earias insulana (Bdv.) (Noctuidae):					
Hibiscus esculentus (okra) pod	Unknown	1	-----	-----	N.Y.
Ectomyelois ceratoniae (Zell.) (Phycitidae):					
Annona reticulata (custard-apple)	Jamaica	1	-----	-----	Fla.
Barringtonia sp. (pod)	Hawaii	3	-----	-----	Hawaii.
Ceratonia siliqua (carob) pod	Italy, Netherlands(?), Yugoslavia.	5	-----	-----	N.Y.
Citrus limon (lemon)	Italy	-----	1	-----	N.Y.
C. paradisi (grapefruit)	do	1	-----	-----	Md.
C. sinensis (sweet orange)	Azores, Italy, Republic of South Africa, Spain, Union of Soviet Socialist Republics, unknown.	2	8	-----	Fla., Mass., N.Y., N.C., Va.
Cydonia oblonga (quince)	Greece, Italy	2	-----	-----	N.Y.
Ficus carica (fig)	Italy	2	-----	-----	N.Y.
Juglans sp. (walnut)	Greece, Italy	5	-----	-----	N.Y., Wash.
Legume (pod)	Italy	1	-----	-----	N.Y.
Prunus amygdalus (almond)	Greece	1	-----	-----	N.Y.
Punica granatum (pomegranate)	Greece, Italy	4	-----	-----	N.Y.
Pyrus communis (pear)	Italy	1	-----	-----	N.Y.
Tamarindus indica (tamarind) pod	Bahamas	1	1	-----	Fla.
Ectomyelois phoenicis (Durrant)(?) (Phycitidae):					
Ficus carica (fig) dried	Italy	1	-----	-----	N.Y.
Elaphidion conspersum Newm. (Cerambycidae):					
Airplane	Dominican Republic	-----	1	-----	P.R.
Ephestia calidella (Guen) (Phycitidae):					
Capsicum annuum (pepper)	Italy	1	-----	-----	N.Y.
Epichorista ionephela (Meyr.) (Tortricidae):					
Ornithogalum thyrsoides (Cape chinkerichee)	Republic of South Africa.	1	-----	-----	N.Y.
Epilachna borealis (F.) var. (Coccinellidae):					
Musa paradisiaca var. *sapientum* (banana)	Ecuador	2	-----	-----	Md., Tex.
Epinotia aporema (Wlsm.) (Olethreutidae):					
Phaseolus vulgaris cv. (string bean)	Mexico	1	1	-----	Tex.
Epitranus lacteipennis Cam. (Chalcididae):					
Vanda 'Miss Joachim' (orchid)	Hawaii	1	-----	-----	Hawaii.
Eriophyes canestrinii (Nal.) (Eriophyidae):					
Buxus sempervirens (boxwood)	England, Netherlands	-----	3	2	N.J., Wash.

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Eriophyes leionotus (Nal.) (Eriophyidae):					
Betula coerulea (blueleaf birch) leaf	Sweden	1			N.Y.
Ethelema sobrina Sharp (Colydiidae):					
Bromeliad (plant)	Mexico			1	Tex.
Eucalymnatus tessellatus (Sign.) (Coccidae):					
Gardenia sp. (leaf)	do	2			Tex.
Orchid (leaf)	Dominica			1	Fla.
Eucheira socialis Westw. (Pieridae):					
Arbutus menziesii (Pacific madrone)	Mexico	1			Tex.
Euphyllura olivina (Costa) (Psyllidae):					
Olea europaea (olive) branch	Italy	1			N.Y.
Eurygaster integriceps Puton (Pentatomidae):					
Triticum aestivum (wheat)	Israel			1	N.Y.
Eurytoma orchidearum (Westw.) (Eurytomidae):					
Cattleya labiata (orchid)	Brazil			1	Fla.
Cattleya sp	Colombia, Hawaii, unknown.			4	Fla., Hawaii.
Orchid	Mexico			1	Calif.*
Euscepes postfasciatus (Fairm.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Brazil, Hawaii, Peru, Puerto Rico, Trinidad.	2	3		Ala., Calif.,* Md., P.R.
Eustrophinus marginatus (Champ.) (Melandryidae):					
Orchid	Mexico			2	Tex.
Euxoa bilitura (Guen.) (Noctuidae):					
Airplane	Unknown		1		Fla.
Everes comyntas (Godt.) (Lycaenidae):					
Phaseolus vulgaris cv. (string bean)	Mexico	4			Tex.
Pisum sativum (pea)	do	1			Tex.
Evergestis forficalis (L.) (Pyraustidae):					
Brassica oleracea var. *capitata* (cabbage)	France, Germany, Italy.		6		N.Y., N.C.
Exptochiomera albomaculata (Dist.) (Lygaeidae):					
Orchid (plant)	Guatemala, Mexico			3	Fla., Tex.
Exptochiomera confusa Barber (Lygaeidae):					
Orchid (plant)	Mexico			1	Tex.
Solanum melongena (eggplant)	do	1			Ariz.
Exptochiomera formosa (Dist.) (Lygaeidae):					
Aloe vera (true aloe)	do			1	Tex.
Philodendron hastatum	do			1	Tex.
Exptochiomera tumens (Stal) (Lygaeidae):					
Bromeliad (plant)	Canal Zone			1	Fla.
Florinia theae Green (Coccidae):					
Camellia sp. (leaf)	Mexico	1			Tex.
Forficula aetolica Brunn. (Forficulidae):					
Punica granatum (pomegranate)	Greece	1			N.Y.
Forficula decipiens Gene (Forficulidae):					
Triticum aestivum (wheat) straw jacket	France	1			N.J.
Forficula senegalensis Serv. (Forficulidae):					
Baggage	Africa (country(?))	1			Md.
Frankliniella formosae Mlt. (Thripidae):					
Chrysanthemum morifolium (florists chrysanthemum) cut flowers.	Japan	16	2		Hawaii, Wash.
Cyclamen sp.	do	1			Hawaii.
Dianthus caryophyllus (carnation)	Formosa, Japan	19	4		Hawaii, Oreg., Wash.
Disporum kawakamii (fairybells)	Formosa			1	Wash.
Flowers	Formosa, Japan, unknown.	2	2		Wash.
Gardenia sp	Japan		1		Hawaii.
Litchi chinensis (lychee)	Hong Kong	1			Hawaii.
Oryza sativa (rice)	Okinawa	1			Hawaii.
Pandanus sp. (screwpine)	American Samoa	1			Hawaii.
Rosa hybrid	Japan, Philippines	1	1		Hawaii.

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Frankliniella intonsa (Tryb.) (Thripidae):					
Dianthus caryophyllus (carnation)	Germany, unknown	1	1		N.Y., Wash.
Flowers	England, Iceland, unknown.	1	2		N.J., Pa., Wash.
Gladiolus hybrid (cut flowers)	Israel	1			N.Y.
Nursery stock	Netherlands			1	N.J.
Rosa hybrid (rose)	England, France, Germany, unknown, Yugoslavia.	4	2	1	Mass., Mich., N.Y., Pa., Wash.
Soil with *Primula* sp. (plant)	England			1	N.J.
Frankliniella panamensis Hood (Thripidae):					
Zantedeschia aeothiopica (calla lily)	Colombia	1			N.Y.
Frankliniella schultzei (Tryb.) (Thripidae):					
Chrysanthemum sp	Australia	1			Hawaii.
Dianthus sp	do		1		Hawaii.
Frankliniella sulphurea Schmutz (Thripidae):					
Rosa hybrid (cut flowers)	Tahiti	1			Hawaii.
Frankliniella tenuicornis (Uzel) (Thripidae):					
Flowers	Unknown		1		Pa.
Frankliniella williamsi Hood (Thripidae):					
Chrysanthemum sp. (cut flowers)	Mexico	1			Ariz.
Orchid (plant)	do			1	Tex.
Zea mays (corn)	do	2			Ariz., Tex.
Fundella pellucens (Zell.) (Phycitidae):					
Cajanus cajan (pigeonpea)	Jamaica, St. Kitts	2			Am. V.I., N.Y.
Phaseolus vulgaris cv. (string bean)	Surinam		1		Fla.
Pisum sativum (pea)	Puerto Rico	1			P.R.
Vigna sinensis (cowpea)	do	1			P.R.
Furcaspis oceanica Ldgr. (Coccidae):					
Cocos nucifera (coconut)	Eniwetok, Kwajalein, Marshall Islands, unknown.	5			Hawaii.
Galgupha punctifer McA. & Mall. (Pentatomidae):					
Bromeliad (plant)	Mexico			1	Tex.
Galgupha quadrisignata (Stal) (Pentatomidae):					
Bromeliad (plant)	do			1	Tex.
Orchid (plant)	Honduras			1	Fla.
Genaparlatoria pseudaspidiotus (Ldgr.) (Coccidae):					
Orchid	Singapore			1	Calif.*
Vanda teres (orchid)	Formosa			1	Calif.*
Vanda sp	Hawaii			2	Calif.*
Geotomus pygmaeus (Dallas) (Cydnidae):					
Airplane	Tahiti		1		Hawaii.
Alpinia purpurata	Hawaii	1			Hawaii.
Baggage	do	1			Hawaii.
Cordyline terminalis (ti)	do			1	Hawaii.
Glycyphagus michaeli Oud. (Glycyphagidae):					
Malus sylvestris (apple)	Japan	1			Wash.
Gnorimoschema borsaniella Koehr. (Gelechiidae):					
Capsicum annuum (pepper)	Peru	1			Fla.
Gnorimoschema gudmannella (Wlsm.) (Gelechiidae):					
Capsicum annuum (pepper)	Mexico	6			Ariz., Calif., Tex.
Lycopersicon esculentum (tomato)	do	1			Tex.
Gnorimoschema ocellatella (Boyd) (Gelechiidae):					
Beta vulgaris (beet)	United Arab Republic		3		Pa.
B. vulgaris var. *cicla* (Swiss chard)	Italy		1		N.Y.
Stores	do		1		N.Y.
Gnorimoschema plaesiosema (Turner) (Gelechiidae):					
Solanum tuberosum (potato)	Peru	1			Fla.
Goniogaster variicolor Mayr (Torymidae):					
Ficus sp. (wild fig)	Ethiopia	1			N.Y.

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Gonocerus insidiator (F.) (Coreidae):					
Mimosa sp. (blooms)	France	1			N.Y.
Gortyna flavago (Schiff.) (Noctuidae):					
Cynara cardunculus (cardoon) stem	Italy	1			Md.
Gracilaria azaleela Brants (Gracilariidae):					
Rhododendron sp. (azalea) leaf	Belgium, Netherlands			3	N.Y.
Grapholitha funebrana (Treit.) (Olethreutidae):					
Prunus domestica (plum)	Czechoslovakia, Poland.	2			N.Y.
Grapholitha janthiana (Dup.) (Olethreutidae):					
Malus sylvestris (apple)	Hungary	1			N.Y.
Grapholitha packardi Zell. (Olethreutidae):					
Cydonia oblonga (quince)	Mexico	1			Tex.
Gymnandrosoma aurantianum Costa Lima (Olethreutidae):					
Citrus sinensis (sweet orange)	Colombia, unknown		2		Md., N.Y.
Gymnococcus agavium (Dougl.) (Coccidae):					
Cactus (plant)	Mexico			1	N.Y.
Haplothrips aculeatus (F.) (Phlaeothripidae):					
Flowers	Iceland		1		N.J.
Packing (with *Aphelandra* sp. cuttings)	Denmark			1	N.Y.
Plant material (dried)	Poland	1			Ill.
Haplothrips clarisetis Priesner (?) (Phlaeothripidae):					
Portulaca oleracea (purslane)	Mexico	1			Tex.
Haplothrips cottei (Vuillet) (Phlaeothripidae):					
Dianthus caryophyllus (carnation)	Portugal	2			N.Y.
Haplothrips gowdeyi (Frankl.) (Phlaeothripidae):					
Aster sp.	Australia		1		Hawaii.
Chrysanthemum sp.	Australia, Japan	1	1		Hawaii, Wash.
Flowers	Guadeloupe, Haiti, Japan.	4			Fla., P.R., Wash.
Helichrysum sp. (everlasting flower)	Formosa	1			Hawaii.
Hibiscus sp.	Okinawa	1			Hawaii.
Moluccella laevis (bell of Ireland)	Haiti	1			Fla.
Nerine sp. (cut flowers)	Republic of South Africa.	1			N.Y.
Orchid	Mexico			1	Hawaii.
Ornithogalum sp. (chinkerichee)	Republic of South Africa.		1		N.Y.
Polianthes tuberosa (tuberose)	Tahiti	1			Hawaii.
Harmolita ips (Wlk.) (Eurytomidae):					
Straw (packing)	France	1			Ga.
Helicella candidula (Studer) (Helicellidae):					
Soil	Italy	1			N.Y.
Helicella caperata (Montagu) (Helicellidae):					
Herbs (dry)	Cuba	1			Fla.
Impatiens balsamina (garden balsam) seed	England			1	N.Y.
Helicella cespitum (Draparnaud) (Helicellidae):					
Military cargo	Spain	2			La., N.Y.
Helicella conspurcata (Draparnaud) (Helicellidae):					
Laurus nobilis (Grecian laurel)	Italy			1	N.Y.
Military cargo	Italy, Spain	3			Del., La., Tex.
Soil with *Ailanthus* sp. and unidentified plant	Italy			2	N.Y.
Helicella derbentina Andrz. (Helicellidae):					
Military cargo	Turkey	3			La., N.Y.
Helicella itala (L.) (Helicellidae):					
Cichorium endivia (endive)	Italy		1		N.Y.
C. intybus (escarole)	----do		1		N.Y.
Lactuca sativa (lettuce)	----do		1		N.Y.
Cotinus coggygria (common smoketree) seed	----do			1	N.J.
Helicella maritima (Draparnaud) (Helicellidae):					
Military cargo	Greece, Spain	6			Del., N.Y., S.C., Tex.
Mirabilis jalapa (common four-o'clock) seed	France			1	Pa.
Rosa hybrid	----do	2			N.Y.
Thymus sp. (thyme) plant	Italy			1	N.Y.

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Helicella neglecta (Draparnaud) (Helicellidae):					
Military cargo	Spain, Turkey	4			La., N.Y.
Helicella protea Ziegler (Helicellidae):					
Military cargo	Turkey	1			N.Y.
Helicella pyramidata (Draparnaud) (Helicellidae):					
Ficus carica (fig)	Italy	1			N.Y.
Military cargo	Greece	1			La.
Stipa tenacissima (esparto needlegrass)	Italy	1			Mich.
Vicia faba (broadbean)	do	1			N.Y.
Helicella striata (Müller) (Helicellidae):					
Military cargo	Azores, France, Greece, Italy, Spain, Turkey, unknown.	18			La., N.Y., S.C., Tex., Va.
Onobrychis viciaefolia 'Montana' (seed)	Spain			1	D.C.
Opuntia humifusa (pricklypear)	Italy	1			N.Y.
Rosa hybrid	France	1			N.Y.
Soil with *Laurus nobilis* and unidentified plants.	Italy			4	N.Y.
Stipa tenacissima (esparto needlegrass)	do	1			Mich.
Helicella trochoides (Poiret) (Helicellidae):					
Clematis hybrid (seed)	do			1	N.J.
Helicella variabilis (Draparnaud) (Helicellidae):					
Automobile	France	1			Md.
Baggage	Italy	1			N.Y.
Cargo (with iron pipes)	Spain	1			La.
Military cargo	Spain, Turkey	5			N.Y.
Mirabilis jalapa (common four-o'clock) seed	France			1	Pa.
Onobrychis viciaefolia (sainfoin) seed	Italy			1	N.Y.
Helicella virgata (DaCosta) (Helicellidae):					
Military cargo	Spain	1			N.Y.
Helicina durangoana Mousson(?) (Helicinidae):					
Orchid (plant)	Mexico			1	Tex.
Helicina neritella Lamarck (Helicinidae):					
Orchid (plant)	Jamaica			3	Fla.
Helicina oveniana Pfeiffer(?) (Helicinidae):					
Bromeliad (plant)	Mexico			1	Tex.
Helicina substriata Gray (Helicinidae):					
Orchid (pseudobulb)	Cayman Islands			1	Fla.
Helicina zephyrina Duclos (Helicinidae):					
Bromeliad (plant)	Mexico			2	Tex.
Chamaedorea elegans (palm) seed	do			1	Tex.
Heliothis armigera (Hbn.) (Noctuidae):					
Dianthus caryophyllus (carnation)	Unknown		1		N.Y.
Helix aperta Born (Helicidae):					
Beta vulgaris (beet)	Italy		1		N.Y.
Brassica oleracea var. *botrytis* (cauliflower)	Germany, Italy		2		N.Y., Tex.
B. oleracea var. *capitata* (cabbage)	Italy		3		N.Y., S.C.
Military cargo	do	1			Va.
Rosmarinus sp. (rosemary)	do			1	N.Y.
Helix aspersa Müller (Helicidae):					
Automobile	France	1			Tex.
Baggage (brought as food)	Greece, Italy	3			Ill., Mass.
Beta vulgaris (beet)	Italy		1		Pa.
Brassica oleracea var. *capitata* (cabbage)	Azores, France, Peru		4		Ala., N.Y., P.R.
Castanea sp. (chestnut)	Spain	1			Pa.
Citrus reticulata (Mandarin orange)	Azores		2		Pa.
Flowers	Haiti	1			Fla.
Lactuca sativa (lettuce)	Azores, France, Italy		6		N.Y.
Military cargo	Italy, Spain	2			La., Va.
Orchid (plant)	Mexico			1	Tex.
Palm	do			1	Ariz.
Pelargonium sp. (geranium) plant	do			1	Calif.
Stores	Algeria, Portugal, unknown.		5		Am. V.I., Fla., Mich.
Helix cincta Muller (Helicidae):					
Baggage (brought as food)	Greece	1			Mich.
Helix leucorum L. (Helicidae):					
Mail (as food)	Italy	1			N.Y.

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Helix pomatia L. (Helicidae):					
Mail (as food)	Austria	1			N.Y.
Stores	Algeria		1		Am. V.I
Hemitrochus androsi (Dall) (Helminthoglyptidae):					
Lycopersicon esculentum (tomato) plant	Bahamas			1	Fla.
Orchid (plant)	do			2	Fla.
Hemitrochus streatori Pilsbry (Helminthoglyptidae):					
Orchid (plant)	Cayman Islands			1	Fla.
Heterobostrychus aequalis (Waterh.) (Bostrichidae):					
Wood (crate)	Ceylon, Indonesia	3	1		Calif.,* Md. N.Y.
Heterogenea asella (Schiff.) (Limacodidae):					
Castanea sp. (chestnut) leaf	Italy		1		N.Y.
Heterotermes convexinotatus (Snyder) (Rhinotermitidae):					
Manihot esculenta (cassava)	Guatemala			1	Fla.
Orbignya cohune (cohune palm) nut	Mexico	1			Ariz.
Orchid (plant)	Brazil			1	N.Y.
Pinus sp. (pine) stump	British Honduras	1			La.
Heterotermes maculatus Light (Rhinotermitidae):					
Citrullus vulgaris (watermelon)	Mexico	1			Tex.
Hippotion echeclus (Bdv.) (Sphingidae):					
Airplane	Southwest Pacific		1		Hawaii.
Hispa atra L. (Chrysomelidae):					
Allium porrum (leek)	Spain		1		N.Y.
Homothrips distinctus Bagn. (Thripidae):					
Protea sp. (cut flowers)	Republic of South Africa.	1			N.Y.
Hoterodes ausonia (Cram.) (Pyraustidae):					
Cargo	Ecuador	1			Fla.
Hygromia cinctella (Draparnaud) (Helicellidae):					
Military cargo	Italy	1			La.
Mirabilis jalapa (common four-o'clock) seed	France			1	Pa.
Iridomyrmex iniquus Mayr (Formicidae):					
Bromeliad (plant)	Guatemala			1	Tex.
Cycnoches sp. (swanorchid)	do			1	Fla.
Orchid (plant)	do			4	Fla., Tex.
Iridomyrmex pilifer Mayr (Formicidae):					
Orchid (plant)	Colombia			1	N.Y.
Iridothrips iridis (Wats.) (Thripidae):					
Iris hybrid (leaf)	England			1	N.J.
Jadera rufofusca Barber (Coreidae):					
Citrullus vulgaris (watermelon)	Puerto Rico	1			P.R.
Jadera sanguinolenta (F.) (Coreidae):					
Orchid (plant)	Mexico			1	Fla.
Jenneretia multistriata (Deshayes) (Helminthoglyptidae):					
Orchid (plant)	Cuba			1	Fla.
Kalotermes synderi Light (Kalotermitidae):					
Military cargo	do	1			S.C.
Kuwanina parva (Mask.) (Coccidae):					
Prunus sp. (bark)	Japan	1			Wash.
Lamellazis gracilis (Hutton) (Achatinidae):					
Bromeliad (plant)	Peru			1	Fla.
Herbs (dried)	Cuba	1			Fla.
Orchid (plant)	Aruba, Venezuela			2	Fla., La.
Soil with *Dieffenbachia* sp. (plant)	Puerto Rico			1	Pa.
Lamellazis micra (Orbigny) (Achatinidae):					
Orchid (plant)	Mexico			1	Tex.
Lampides boeticus (L.) (Lycaenidae):					
Canavalia microcarpa (mauna loa) lei	Hawaii	5	1		Calif.,* Hawaii.
Pisum sativum (pea)	Japan		3		Md., Wash.
Sesbania grandiflora (agati sesbania)	Hawaii	1			Hawaii.
Largus affinis Dist. (?) (Pyrrhocoridae):					
Orchid (plant)	British Honduras				Fla.

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Laspeyresia araucaria Pastrana (Olethreutidae):					
Araucaria angustifolia (Parana araucaria)	Argentina			1	D.C.
A. excelsa (Norfolk-Island-pine)	Brazil	1		1	N.Y.
Araucaria sp. (seed)	do			1	Fla.
Laspeyresia nigricana (Steph.) Olethreutidae):					
Pisum sativum (pea)	England, Italy	1	1		N.Y.
Laspeyresia splendana (Hbn.) (Olethreutidae):					
Castanea sativa (European chestnut)	Czechoslovakia, France, Greece, Italy, Portugal, Spain, unknown.	54	2	1	Md., Mass., N.J., N.Y.
"Lecanium" catori Green (Coccidae) (tentative):					
Cola acuminata (colanut)	Nigeria	1			N.Y.
Lecanium corni Bouche (Coccidae):					
Philadelphus coronarius (sweet mockorange)	Canada			1	N.J.
Ribes sp.	Germany			1	N.J.
Lecanium persicae (F.) (Coccidae) (tentative):					
Daphne sp. (leaf)	Australia	1			Hawaii.
Lecanium rufulum (Ckll.) (Coccidae):					
Twig—unidentified	Spain	1			Mass.
Lepidosaphes carinata (Ckll.) (Coccidae):					
Beaucarnea sp.	Mexico			1	Tex.
Lepidosaphes celtis Kuw. (Coccidae):					
Dracaena sp.	Japan			1	Wash.
Lepidosaphes conchiformoides Borchs. (Coccidae):					
Diospyros kaki (kaki persimmon)	do	1			Hawaii.
Lepidosaphes crotonis (Ckll.) (Coccidae):					
Malvaviscus arboreus (South American wax-mallow).	Cuba			1	D.C.
Lepidosaphes esakii Tak. (Coccidae):					
Cocos nucifera (coconut)	Kwajalein	1			Hawaii.
Lepidosaphes ficus (Sign.) (Coccidae):					
Ficus carica (fig)	Italy			1	N.J.
Lepidosaphes philococcus (Ckll.) (Coccidae):					
Cactus (plant)	Mexico			3	Tex.
Cephalocereus sp. (cactus) plant	do			1	Tex.
Pachycereus sp. (cactus) plant	do			1	Tex.
Lepidosaphes tokionis (Kuw.) (Coccidae):					
Codiaeum variegatum (croton)	Hawaii, Panama	10		4	Calif.,* Fla., Hawaii.
Codiaeum sp.	American Virgin Islands, Canal Zone, Hawaii, Panama.	15		6	Fla., Hawaii, N.Y.
Lepidosaphes tuberculata Mal. (Coccidae):					
Cymbidium sp. (orchid)	Hong Kong			1	Hawaii.
Lepidosaphes tubulorum Ferris (Coccidae):					
Mangifera indica (mango)	Philippines	1			Hawaii.
Leucania irregularis (Wlk.) (Noctuidae):					
Airplane	Johnston Island		1		Hawaii.
Leucaspis pusilla Loew (Coccidae):					
Pinus sp. (pine) twig	Jordan	1			Mass.
Soil	do	1			Mass.
Leucinodes orbonalis Guen. (Pyraustidae):					
Solanum melongena (eggplant)	West Africa		2		Mass.
Leucoptera coffeella G.-M. (Lyonetiidae):					
Coffea arabica (Arabian coffee) leaf	Brazil, Mexico	3	1		Fla., Tex.
Leucoptera scitella (Zell.) (Lyonetiidae):					
Malus sylvestris (apple)	England, Italy		3		Fla., Md., N.C.
Ligyrocoris aurivilliana (Dist.) (Lygaeidae):					
Agave sp. (plant)	Mexico			1	Tex.
Lycopersicon esculentum (tomato)	do	1			Calif.
Ligyrocoris nitidicollis (Stal) (Lygaeidae):					
Automobile	Mexico		1		Tex.
Limax flavus L. (Limacidae):					
Rosa hybrid	Greece			1	N.Y.
Limax marginatus Müller (Limacidae):					
Allium porrum (leek)	Italy		1		N.Y.
Brassica oleracea var. *capitata* (cabbage)	Azores		1		N.Y.
Bromeliad (plant)	Costa Rica			1	Fla.
Colocasia esculenta (dasheen)	Azores	1			N.Y.
Echinodorus sp. (burhead)	Peru			1	Fla.

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Limax marginatus—Continued					
Juniperus sp. (juniper) dwarf tree	Japan			1	Hawaii.
Lactuca sativa (lettuce)	Azores		2		N.Y.
Orchid (plant)	Colombia, Costa Rica, Mexico.			6	Fla., Tex.
Peperomia sp.	Mexico			1	Tex.
Limothrips consimilis Priesner (Thripidae):					
Stipa tenacissima (esparto needlegrass)	Italy	1			Md.
Limothrips denticornis (Hal.) (Thripidae):					
Iris variegata (Hungarian iris)	Czechoslovakia			1	N.J.
Nursery stock	Netherlands			1	N.J.
Plant material (dry)	Poland	1			Ill.
Liogenys macropelma Bates (Scarabaeidae):					
Airplane	Panama, South America (country(?)).		3		Fla., P.R.
Lixus junci Boh. (Curculionidae):					
Beta vulgaris (beet)	United Arab Republic		1		Pa.
Lobesia botrana (Schiff.) (Olethreutidae):					
Vitis sp. (grape)	England, Italy, Lebanon.	6			N.Y.
Loxostege amitina (Btlr.) (Pyraustidae):					
Prunus persica var. *nectarina* (nectarine)	Chile	1			N.Y.
Loxostege bifidalis (F.) (Pyraustidae):					
Brassica sp. (mustard)	Mexico	1			Tex.
Loxostege similalis (Guen.) (Pyraustidae):					
Chamaedorea elegans (palm)	do	1			Tex.
Lyctus africanus Lesne (Lyctidae):					
Bamboo (stakes for flowers)	Japan	1			D.C.
Glycyrrhiza glabra (licorice) stem and root	Pakistan, Sudan	2			Calif.,* Md.
Wood (processed lumber)	India	1			N.Y.
Lyctus brunneus (Steph.) (Lyctidae):					
Cargo (boxes of live animals)	Colombia	1			Fla.
Lygaeus cruentatus Dist. (Lygaeidae):					
Cargo	Ecuador	2			Fla.
Lygaeus modestus Stal (Lygaeidae):					
Cargo	do	1			Fla.
Lygaeus superbus (Pollich) (Lygaeidae):					
Military cargo (crate)	Spain	1			Tex.
Lygaeus teapensis Dist. (Lygaeidae):					
Automobile	Mexico		1		Tex.
Lygus lineolaris (Palis.) (Miridae):					
Chrysanthemum sp. (cut flowers)	do	2			Ariz.
Lygus rugulipennis Poppius (Miridae):					
Calluna vulgaris (heather)	Germany			1	N.Y.
Rhododendron sp. (azalea)	England			1	N.J.
Macrodema microptenum Curtis (Lygaeidae):					
Soil with *Calluna vulgaris* (heather)	do			1	Ill.
Macroscytus brunneus (F.) (Pentatomidae):					
Gladiolus hybrid (cut flowers)	Israel	1			N.Y.
Malacorhinus foveipennis (Jac.) (Chrysomelidae):					
Orchid (plant)	Honduras			1	Fla.
Mamestra brassicae (L.) (Noctuidae):					
Beta vulgaris var. *cicla* (Swiss chard)	Italy		1		N.Y.
Brassica chinensis (Chinese cabbage)	Japan		2		N.Y.
B. oleracea var. *botrytis* (cauliflower)	France, Italy		2		N.Y., Tex.
B. oleracea var. *capitata* (cabbage)	France, Italy, Netherlands.		9		N.Y.
Lactuca sativa (lettuce)	Germany		1		N.Y.
L. sativa var. *longifolia* (romaine lettuce)	France		1		N.Y.
Maruca testulalis (Geyer) (Pyraustidae):					
Cajanus cajan (pigeonpea)	Dominican Republic, Grenada, Puerto Rico.	8			Ill., N.Y., P.R.
Canavalia microcarpa (mauna loa)	Hawaii	12		1	Calif.,* Hawaii
Dolichos lablab (hyacinth bean)	Trinidad	2			N.Y.
Phaseolus vulgaris cv.. (string bean)	Brazil, Japan, Puerto Rico, Surinam.	14	4		Fla., N.Y., P.R., Wash.
Phaseolus sp.	Angola		1		N.Y.
Sesbania grandiflora (agati sesbania)	Hawaii	4			Hawaii.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Maruca testulalis—Continued					
Sesbania sp. (lei)	Hawaii	1			Hawaii.
Strongylodon macrobotrys	Philippines	1			Hawaii.
Matsumuraeses phaseoli (Mats.) (Olethreutidae):					
Phaseolus vulgaris cv. (string bean)	Japan		3		Calif.,* Wash.
Mecolaemus carvalhoi (Costa Lima) (Miridae):					
Bromeliad (leaf)	Peru			1	Fla.
Megacerus alternatus Bridw. (Bruchidae):					
Ipomoea sp. (?) (morningglory) seed	Hawaii			1	Calif.*
Megachile concinna Sm. (Megachilidae):					
Airplane	Dominican Republic		4		Fla., P.R.
Megacyllene spinifera (Newm.) (Cerambycidae):					
Logs—unidentified	Argentina	1			N.Y.
Megalotomus rufipes (Westw.) (Coreidae):					
Quarters (ship)	Puerto Rico (?)		1		Ala.
Megasoma elephas (F.) (Scarabaeidae):					
Cargo	Peru (?)	1			Fla.
Megastigmus pistaciae Wlk. (Torymidae):					
Pistacia sp. (pistache) nut	Afghanistan	1			N.Y.
Megastigmus strobilobius Ratz. (Torymidae):					
Picea glauca (white spruce) seed	Denmark			1	N.J.
Megastigmus suspectus Borries (Torymidae):					
Abies sp. (fir)	Turkey			1	D.C.
Melanaethus planifrons Froeschner (Pentatomidae):					
Cucumis melo (muskmelon)	Mexico	1			Ariz.
Melolontha melolontha (L.) (Scarabaeidae):					
Airplane	France, Switzerland		5		Alaska, N.Y.
Membracis mexicana Guerin (Membracidae):					
Cargo	Costa Rica	1			Fla.
Fragaria sp. (strawberry)	Mexico	1			N.Y.
Mesapamea secalis (L.) (?) (Noctuidae):					
Airplane	Ireland		1		Mass.
Mesovelia orientalis Kirkaldy (Mesoveliidae):					
Airplane	Philippines (?)		1		Hawaii.
Metamasius hemipterus sericeus (Ol.) (Curculionidae):					
Musa paradisiaca var. *sapientum* (banana)	Ecuador	27			Ala., Fla., La., N.Y., Tex.
Metopoplax ditomoides (Costa) (Lygaeidae):					
Gramineae (stem)	Morocco	1			N.J.
Micrarionta stearnsiana (Gabb) (Helminthoglyptidae):					
Dudleya sp.	Mexico			1	Calif.
"Microporus" nigritus (F.) (Pentatomidae):					
Fragaria sp. (strawberry) plant	France			1	N.Y.
Milax gagates (Draparnaud) (Limacidae):					
Brassica oleracea var. *botrytis* (cauliflower)	Netherlands		1		Pa.
B. oleracea var. *capitata* (cabbage)	Azores, England		2		N.Y.
Mimosestes sallaei (Sharp) (Bruchidae):					
Caesalpinia coriaria (divi-divi) pod	Dominican Republic, Haiti.	2			Md.
Minthea rugicollis (Wlk.) (Lyctidae):					
Bamboo (slat)	India	1			Md.
Wood—unidentified (cage and crates)	Ceylon, Colombia, India.	4			Calif.,* Fla., Md., Mass.
Monacha cantiana (Montagu) (Helicellidae):					
Plants—unidentified	Germany			1	N.J.
Monacha carthusiana (Müller) (Helicellidae):					
Onobrychis viciaefolia (sainfoin) seed	Italy			1	N.Y.
Monacha olivieri (Fer.) (Helicellidae):					
Military cargo (conex box)	Turkey	2			N.Y.
Monanthia monotropidia Stal (Tingidae):					
Bromeliad	Mexico			1	Tex.
Monomorium destructor (Jerd.) (Formicidae):					
Alpinia purpurata	American Samoa	1			Hawaii.
Food	Bahamas, Hong Kong, Phillipines.	3			Fla., Ga.
Mail package (woven basket)	Hawaii	1			Hawaii.
Orchid (flower and plants)	Ecuador, Federation of Malaya, India.	1		2	Fla., Mich., N.Y.
Tulipa hybrid (bulb)	Japan			1	N.Y.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Noneentry	Propagation	
Monophadnoides alternipes (Klug) (Tenthredinidae):					
Plant—unidentified	Netherlands			1	N.Y.
Moodna bisinuella Hamp. (Phycitidae):					
Zea mays (corn)	Mexico	1			Tex.
Morganella longispina (Morg.) (Coccidae):					
Citrus aurantifolia (sour lime)	Tahiti		3		Calif.*
C. grandis (pummelo)	do		1		Calif.*
C. paradisi (grapefruit)	do	3	1		Calif.*
C. sinensis (sweet orange)	Fiji, Japan, Tahiti		4		Calif.*
Orania aruensis (palm)	Indonesia			1	D.C.
Mormidea pictiventris Stal (Pentatomidae):					
Orchid (plant)	British Honduras, Mexico.			5	Fla., Tex.
Mumetopia nigrimana Coq. (Anthomyzidae):					
Airplane	Nicaragua		1		P.R.
Myodocha longicollis Stal (Lygaeidae):					
Orchid (plant)	Mexico			1	Tex.
Myzaphis turanica Nevsky (Aphidae):					
Rosa hybrid (cut flowers)	Israel	1			N.Y.
Myzus ascalonicus Donc. (Aphidae):					
Allium cepa (onion)	England			1	N.Y.
Allium sp.	Netherlands			1	N.J.
Anemone sp. (cut flowers)	France, Germany	2			N.Y.
Rosa hybrid (cut flowers)	Netherlands	1			N.Y.
Viola sp. (violet) cut flowers	Germany	1			Calif.*
Nanaguna breviuscula Wlk. (Noctuidae):					
Airplane	Philippines(?)		1		Hawaii.
Nasutitermes corniger (Motsch.) (Termitidae):					
Dalbergia sp. (rosewood) log	Brazil	1			La.
Orchid (plant)	Canal Zone, Honduras.			2	Fla.
Nasutitermes dendrophilus (Desn.) (Termitidae):					
Musa paradisiaca var. *sapientum* (banana)	Ecuador	1			Fla.
Nasutitermes ephratae (Holmgr.) (Termitidae):					
Bromeliad	Canal Zone			1	Fla.
Debris	Panama	1			Md.
Orchid (plant)	Honduras			1	Fla.
Yucca sp.	Dominican Republic	1			N.Y.
Nasutitermes exitiosus (Hill) (Termitidae):					
Food (for bird)	Australia	1			Hawaii.
Nasutitermes mexicanus Light (Termitidae):					
Cargo (with cactus plant)	Mexico			1	Ariz.
Nasutitermes nigriceps (Hald.) (Termitidae):					
Bromeliad (plant)	Jamaica			1	Fla.
Orchid (plant)	British Honduras			3	Fla.
Nasutitermes rippertii (Rambur) (Termitidae):					
Baggage	Bahamas	1			Bahamas.
Orchid (plant)	do			1	Fla.
Neoadozoplatys sailerí Kormilev (Pentatomidae):					
Bamboo (log)	Mexico	1			Tex.
Neoclytus acuminatus (F.) (Cerambycidae):					
Ananas comosus (pineapple)	do	1			Tex.
Cargo (with pottery)	do	1			Tex.
Neocyclotus dysoni cookei (Bartsch & Morrison) (Cyclophoridae):					
Palm	Guatemala			1	Tex.
Neoleucinodes elegantalis (Guen.) (Pyraustidae):					
Lycopersicon esculentum (tomato)	Mexico	24			Tex.
Solanum melongena (eggplant)	Brazil	1			Fla.
S. quitoense (naranjilla)	Colombia	1			Fla.
Neolobophora inopinata (Burr) (Forficulidae):					
Orchid (plant)	Guatemala			1	Fla.
Nephotettix apicalis (Motsch.) (Cicadellidae):					
Airplane	Philippines(?), unknown.		3		Hawaii.
Nesoecia nigrispina (Stal) (Tettigonilidae):					
Orchid (plant)	British Honduras			1	Fla.
Nipponaclerda biwakoensis (Kuw.) (Coccidae):					
Phragmites communis (common reed) stem	Japan	2			Calif.,* Hawaii.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Nomophila noctuella (D. & S.) (Pyraustidae):					
Airplane	Unknown, Venezuela		2		Hawaii, P.R.
Nothorhina muricata (Dalm.) (Cerambycidae):					
Wood (crate of marble)	Portugal	1			Calif.*
Nysius coenosulus Stal (Lygaeidae):					
Airplane	Hawaii		1		Hawaii.
Gardenia jasminoides (lei)	do	1			Hawaii.
Nysius kingbergi Usinger (Lygaeidae):					
Vanda 'Miss Joachim' (orchid) flower	do	1			Hawaii.
Nysius tenellus Barber (Lygaeidae):					
Chrysanthemum sp. (cut flowers)	Mexico	2			Ariz., Tex.
Ochterus marginatus (Latr.) (Ochteridae):					
Fish meal (residue)	Republic of South Africa.		1		Fla.
Odonaspis saccharicaulis (Zehnt.) (Coccidae):					
Bulb—unidentified	Cuba			1	Fla.
Oechalia schellenbergi (Guerin) (Pentatomidae):					
Airplane	Japan(?)		1		Hawaii.
Ofatulena duodecimstriata (Wlsm.) (Olethreutidae):					
Prosopis glandulosa (honey mesquite) pod	Mexico	1			Tex.
Ogdoecosta guttifera Boh. (Chrysomelidae):					
Orchid (plant)	Bahamas			1	Fla.
Oligonychus perditus P. & B. (Tetranychidae):					
Juniperus sp. (juniper) dwarf tree	Japan			2	Wash.
Onthophagus taurus (Schr.) (Scarabaeidae):					
Automobile	Azores	1			S.C.
Opeas pyrgula Schmacker & Boettger (Achatinidae):					
Orchid (plant)	British Honduras			1	Tex.
Opisthograptis luteolata (L.) (Geometridae):					
Sorbus sp. (mountainash) berry	Scotland	1			N.Y.
Oplomus nigripennis pulcher Dallas (Pentatomidae):					
Bromeliad (plant)	Mexico			1	Fla.
Opogona sacchari (Bojer) (Tineidae):					
Musa paradisiaca (plantain banana)	Unknown	1			N.Y.
M. paradisiaca var. *sapientum* (banana)	Azores, unknown	1	1		Calif.,* Mass.
Orchid (leaf of plant)	East Africa			1	N.Y.
Saccharum officinarum (sugarcane)	Cape Verde Islands	1			N.Y.
Opuntiaspis philococcus (Ckll.) (Coccidae):					
Myrtillocactus geometrizans (cactus)	Mexico			1	Tex.
Orthalicus boucardi (Pfeiffer) (Bulimulidae):					
Bromeliad (plant)	do			1	Tex.
Orthalicus decolor (Strebel) (Bulimulidae):					
Orchid (pseudobulb)	Guatemala			1	Fla.
Orthalicus obductus (Shuttleworth) (Bulimulidae):					
Musa paradisiaca var. *sapientum* (banana)	Honduras	2			Md., S.C.
Orthalicus pulchellus protoglyptus (Pilsbry) (Bulimulidae):					
Orchid (plant)	Venezuela			1	Fla.
Orthalicus undatus (Bruguiere) (Bulimulidae):					
Brassavola sp. (orchid) plant	Jamaica			1	Fla.
Epidendrum sp. (orchid) plant	Canal Zone			1	Fla.
Orchid (plant)	Jamaica			1	Fla.
Orthalicus undatus jamaicensis (Pilsbry) (Bulimulidae):					
Baggage (specimen for science class)	do	1			Fla.
Orthezia pseudinsignis Morr. (Coccidae):					
Gardenia sp. (cut flowers)	Mexico	1			Ill.
Ortholomus jamaicensis (Dallas) (Lygaeidae):					
Airplane	Antigua		1		P.R.
Orthops kalmi (L.) (Miridae):					
Nursery stock	Netherlands			1	N.J.
Orthotylus ericetorum (Fall.) (Miridae):					
Calluna vulgaris (heather)	England	1			N.Y.
Ostrinia nubilalis (Hbn.) (Pyraustidae):					
Airplane	Unknown		1		Hawaii.
Capsicum annuum (pepper)	Italy	1			N.Y.
Chrysanthemum morifolium (cut flowers)	Japan	1			Hawaii.
Malus sylvestris (apple)	Japan, Yugoslavia	1	1		Mich., N.Y.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Ostrinia nubilalis—Continued					
Phaseolus vulgaris cv. (string bean)	Japan		2		Wash.
Sorghum vulgare var. *technicum* (broomcorn)	Italy	2	1		Md., Wis.
Zea mays (corn)	Italy, Japan	1	2	1	Calif.,* Md., N.Y., Wash.
Otala lactea (Müller) (Helicidae):					
Brassica oleracea var. *capitata* (cabbage)	Italy		1		N.Y.
Cargo (for food)	Morocco	1			N.Y.
Military cargo	France, Morocco	2			N.Y., Va.
Quarters (ship)	Morocco		1		Pa.
Otala vermiculata (Müller) (Helicidae):					
Baggage (brought as food)	Greece, Italy	4			Calif.,* Mass., Mich.
Lilium longiflorum (Easter lily)	Bermuda	1			N.Y.
Military cargo	Italy, Libya, Spain, Turkey.	6			La., N.Y.
Otosema odorata (L.) (Noctuidae):					
Quarters	Unknown		1		Fla.
Oulema gallaeciana (Heyd.) (Chrysomelidae):					
Flowers	Poland	1			N.Y.
Oulema melanopa (L.) (Chrysomelidae):					
Brassica oleracea var. *capitata* (cabbage)	Italy		1		N.Y.
Ovatus crataegarius (Wlk.) (Aphidae):					
Soil with various plants	France		1		Mass.
Ozycarenus hyalinipennis (Costa) (Lygaeidae):					
Gossypium barbadense (Sea Island cotton)	Bolivia			1	D.C.
Ornithogalum thyrsoides (Cape chinkerichee)	Republic of South Africa.	1			N.Y.
Punica granatum (pomegranate)	Israel	1			N.Y.
Ozychilus alliarius (Müller) (Zonitidae):					
Colocasia esculenta (dasheen)	Azores	1			N.Y.
Ozophora consanguineus (Dist.) (Lygaeidae):					
Agave sp. (plant)	Mexico			1	Tex.
Automobile	do		1		Tex.
Tillandsia sp	do			1	Tex.
Ozophora quinquemaculata Barber (Lygaeidae):					
Colocasia antiquorum	Dominican Republic		1		Am. V.I.
Pachybrachius albocinctus Barber (Lygaeidae):					
Benincasa hispida (Chinese waxgourd)	Mexico	1			Ariz.
Bromeliad (plant)	Peru			1	Fla.
Cargo	Costa Rica	1			Ala.
Pachybrachius intermedius Barber (Lygaeidae):					
Orchid (plant)	Cayman Islands			1	Fla.
Pachybrachius nietneri (Dohrn) (Lygaeidae):					
Airplane	Thailand		1		Hawaii.
Pagiocerus fiorii (Eggers) (Scolytidae):					
Zea mays (corn)	Ecuador			1	Ill.
Pagyda salvalis (Wlk.) (Pyraustidae):					
Airplane	Unknown		1		Hawaii.
Palpita unionalis (Hbn.) (Pyraustidae):					
Jasminum sp. (cut flowers)	France	1			N.Y.
Papillifera cinera (Philippi) (Clausiliidae):					
Rosa hybrid	Italy			1	N.Y.
Papillifera papillaris (Draparnaud) (Clausiliidae):					
Soil	do	1			N.Y.
Paragonatas divergens (Dist.) (Lygaeidae):					
Airplane	Panama		1		Fla.
Citrus aurantifolia (lime)	Mexico	1			Tex.
Paraponyx fluctuosalis (Zell.) (Pyraustidae):					
Airplane	Japan(?), Philippines(?).		3		Hawaii.
Parisoschoenus flavolimbatus Champ. (Curculionidae):					
Chamaedorea oblongata (palm) stem	Mexico	1			Tex.
Parlatoria cinerea Hadden (Coccidae):					
Citrus aurantifolia (lime)	Brazil, Mexico		3		Calif.*
C. grandis (pummelo)	Japan		1		Calif.*
C. limon (lemon)	Brazil, Trinidad		3		Calif.*
C. paradisi (grapefruit)	Argentina, Brazil		3		Calif.*

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Pest and host	Country of origin	Number of interceptionsin—			Collected in—
		Consumption	Nonentry	Propagation	
Parlatoria cinerea Hadden—Continued					
C. reticulata (Mandarin orange)	Brazil		1		Calif.*
C. sinensis (sweet orange)	Argentina, Brazil, Mexico, unknown.	4	28		Calif.,* Mich.
Jasminum sp. (leaf of plant)	Philippines			1	Calif.*
Parlatoria citri McKenzie (Coccidae):					
Citrus limon (lemon)	Japan		1		Pa.
C. reticulata (Mandarin orange)	Phillipines, Vietnam	2			Hawaii.
C. sinensis (sweet orange)	Philippines, Thailand	1	1		Hawaii.
Parlatoria crotonis Dougl. (Coccidae):					
Codiaeum variegatum (croton)	American Virgin Islands, French Polynesia, Hawaii, Panama.	2		3	Fla., Hawaii, N.Y.
Parlatoria zizyphus (Lucas) (Coccidae):					
Citrus aurantifolia (lime)	Hawaii, Philippines, Thailand.	2	1		Calif.,* Hawaii.
C. grandis (pummelo)	Hong Kong	1			Hawaii.
C. limon (lemon)	Hong Kong, Italy, Japan, Philippines, Republic of the Congo, unknown.	3	5		Calif.,* Hawaii, N.C., Pa.
C. paradisi (grapefruit)	Algeria, China, Formosa, Japan, Philippines.	1	4		Calif.,* Hawaii, P.R.
C. reticulata (Mandarin orange)	Formosa, Japan, Philippines, Thailand.	5	3		Hawaii, Wash.
C. sinensis (sweet orange)	Algeria, British Guiana, Formosa, France, Guam, Hong Kong, Iran, Japan, Okinawa, Philippines, Thailand, Tunisia, unknown.	9	19		Calif.,* Fla., Hawaii, N.J., N.Y.
Citrus sp. (leaf)	Philippines, Thailand	2			Hawaii.
Paroecanthus annulatus (Scudd.) (Gryllidae): Orchid (plant)	Honduras			1	Fla.
Paulinia acuminata (DeG.) (Acrididae): Aquatic plant	Peru			1	Fla.
Pealius hibisci (Kot.) (Aleyrodidae): *Gardenia jasminoides* (leaf)	Hawaii	1			Calif.*
Pectinophora gossypiella (Saund.) (Gelechiidae): *Gossypium barbadense* (Sea Island cotton; boll)	do	1			Hawaii.
G. hirsutum (Upland cotton; seed)	Mexico		1		Tex.
Gossypium sp. (cotton; bale)	Puerto Rico	1			Fla.
Gossypium sp. (cotton; boll)	Antigua, Bermuda, Cayman Islands, Cuba, Hawaii, Mexico, Turkey.	13	1	1	Del., Fla., Hawaii, Md., N.Y., Pa., Tex.
Gossypium sp. (cotton; lint)	Mexico		1		Tex.
Gossypium sp. (cottonseed)	India, Mexico, Pakistan, Thailand.	14	2		N.Y., S.C., Tex.
Gossypium sp. (seed cotton)	Mexico, Pakistan		1	2	Tex.
Hibiscus esculentus (okra) pod	Barbados, Dominican Republic, Haiti, Jamaica.	14	7		Fla., N.Y., Pa., P.R.
Penichroa fasciata Steph. (Cerambycidae): Debris	Syria		1		Md.
Pentalonia nigronervosa Coq. (Aphidae):					
Alpinia nutica (Malay galangal)	Hawaii	1			Hawaii.
A. purpurata (cut flowers)	Guam, Hawaii, Tahiti.	19	3		Calif.,* Hawaii.
Colocasia antiquorum (taro)	Hawaii		1		Hawaii.
Flowers	Dominican Republic, Honduras.	1	1		Fla., La.
Isotoma longiflora	Hawaii	1			Hawaii.
Musa sp.	American Samoa	1			Hawaii.
Plant—unidentified	Japan			1	Hawaii.
Strongylodon macrobotrys	Philippines	1			Hawaii.

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Pentamerismus oregonensis McG. (Tenuipalpidae):					
Juniperus chinensis (pyramid Chinese juniper)	Japan			1	Wash.
Peritrechus nubilus (Fallen) (Lygaeidae):					
Fruit	Unknown		1		N.Y.
Petroselinum crispum (parsley)	do		1		N.Y.
Peritrechus sylvestris (F.) (Lygaeidae):					
Fragaria sp. (strawberry) plant	France			1	N.Y.
Petrova cristata (Wlsh.) (Olethreutidae):					
Pinus thunbergii (Japanese black pine) cone	Japan		1		Pa.
Phalacropteix apiformis (Rossi) (Psychidae):					
Military cargo (conex box)	Italy	1			Va.
Pheidole megacephala (F.) (Formicidae):					
Airplane	Antigua		1		P.R.
Alpinia purpurata	Hawaii, unknown	1	1		Hawaii, N.Y.
Anthurium sp.	Hawaii	1			Hawaii.
Citrus aurantifolia (lime)	Brazil		1		Hawaii.
Cocos nucifera (coconut)	Hawaii	1			Calif.*
Colocasia sp. (tuber)	American Samoa	1			Hawaii.
Dracaena fragrans 'Massange'	Puerto Rico			1	N.Y.
Fern	Japan		1		Hawaii.
Ficus benghalensis (banyan fig)	Hawaii			1	Hawaii.
Flowers	do	2			Hawaii.
Food	do	2			Hawaii.
Leaf—unidentified	Cuba	1			N.Y.
Musa paradisiaca var. *sapientum* (banana)	Bermuda	1			Bermuda.
Orchid	British Honduras, Honduras.			3	Fla., La.
Palm	American Samoa	1		1	Hawaii.
Plants—unidentified	do			1	Hawaii.
Samanea saman (raintree saman)	Fiji	3			Hawaii.
Soil	do	1			Hawaii.
Strelitzia sp.	Hawaii	1			Hawaii.
Strongylodon sp. (cut flowers)	do	1			Hawaii.
Phenacoccus rotundus Kanda (Coccidae) (tentative):					
Rhododendron austrokiusianum	Japan			1	D.C.
Philaenus leucophthalmus (L.) (Cercopidae):					
Fragaria sp. (strawberry) plant	France			1	N.Y.
Philia febrilis (L.) (Bibionidae):					
Tulipa hybrid (tulip) cut flowers	Netherlands	1			N.Y.
Phloeotribus scarabaeoides (Bern.) (Scolytidae):					
Olea europaea (olive) wood	Lebanon	1			N.Y.
Phytomyza rufipes Meig. (Agromyzidae):					
Brassica oleracea var. *botrytis* (cauliflower)	England		1		Ga.
Raphanus sativus (radish)	Denmark, unknown		10		N.Y.
Pieris brassicae (L.) (Pieridae):					
Brassica oleracea var. *botrytis* (cauliflower)	Germany, Italy		2		Fla., N.Y.
B. oleracea var. *capitata* (cabbage)	Azores, Belgium, Italy.		11		N.Y., Pa.
Military cargo	Italy	1			La.
Pinnaspis buzi (Bouché) (Coccidae):					
Cordyline terminalis (ti)	Hawaii, Panama	22		1	Fla., Hawaii.
Cordyline sp.	Hawaii, unknown	2	1	1	N.Y., Hawaii.
Dracaena sp.	Panama	11			Fla.
Neomoorea sp. (orchid) leaf	Canal Zone			2	Fla.
Orchid (leaf)	Thailand			1	Fla.
Spathiphyllum sp. (leaf)	Hawaii			1	Hawaii.
Pinnaspis uniloba (Kuw.) (Coccidae):					
Alyxia oliveaformis (maile alyxia) leaf	do	1			Calif.*
Pityogenes chalcographus (L.) (Scolytidae):					
Bark (on wooden crate)	Germany, Sweden	2			Wis.
Plagiodera punctigera Stal (Chrysomelidae):					
Bromeliad	Mexico			1	Tex.
Plagionotus arcuatus (L.) (Cerambycidae):					
Dunnage	Unknown		1		Mich.
Planococcus dorsospinosus Ezzat & McConnell (Coccidae):					
Litchi chinensis (lychee)	China	1			Wash.
Plataeceticus symmicta Dyar (Psychidae):					
Musa paradisiaca var. *sapientum* (banana)	Ecuador, Guatemala	2			La., S.C.

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Platynota rostrana (Wlk.) (Tortricidae):					
Capsicum annuum var. *grossum* (bell pepper)	Puerto Rico	2			P.R.
Physalis sp. (husk tomato)	Mexico	1			Tex.
Pleurothallis sp. (orchid)	Haiti			1	Fla.
Zizyphus sp. (jujube)	Mexico	1			Tex.
Platypus rugulosus Chap. (Platypodidae):					
Bamboo (log)	do	1			Tex.
Plecia plagiata Wied. (Bibionidae):					
Lycopersicon esculentum (tomato)	do	1			Ariz.
Plinthisus brevipennis (Latr.) (Lygaeidae):					
Petroselinum crispum (parsley)	Azores		1		N.Y.
Plinthisus putoni Horvath (Lygaeidae):					
Moss (packing material)	Italy	1			N.Y.
Plusia chalcites (Esp.) (Noctuidae):					
Vanda 'Miss Joachim' (orchid) flower	Hawaii	2			Hawaii.
Poecilozonites bermudensis (Pfeiffer) (?) (Zonitidae):					
Soil with *Persea americana* (avocado) seedling	Bermuda			1	N.Y.
Poecilozonites circumfirmatus (Redfield) (Zonitidae):					
Lactuca sativa (lettuce)	Unknown		1		N.Y.
Nerium oleander (oleander)	Bermuda			1	Bermuda.
Soil with *Persea americana* (avocado) seedling	do			1	N.Y.
Soil with unidentified plants	do			1	N.Y.
Polygyra bahamensis Vanatta (Polygyridae):					
Orchid (plant)	Bahamas			1	Fla.
Polygyra matermontana Pilsbry (Polygyridae):					
Musa sp. (banana)	Mexico	1			Ariz.
Polygyra richardsoni (Martens) (Polygyridae):					
Cactus (plant)	do			1	Tex.
Porphyrobaphe iostoma (Sowerby) (Bulimulidae):					
Musa paradisiaca var. *sapientum* (banana)	Ecuador	2			Calif.,* N.Y.
Potosaipoca (Fab.) (Scarabaeidae):					
Debris	Unknown		1		Mich.
Praticolella ampla (Pfeiffer) (Polygyridae):					
Orchid (plant)	Mexico			1	Tex.
Prays oleellus (F.) (Hyponomeutidae):					
Olea europaea (olive)	Italy, Lebanon, Syria	5			N.Y., Ohio, Pa.
Prodenia litura (F.) (Noctuidae):					
Airplane	West Pacific		1		Hawaii.
Capsicum annuum (pepper)	Israel		1		N.Y.
Flowers	Formosa		2		Wash.
Gladiolus hybrid (cut flowers)	Japan	1			Hawaii.
Protopulvinaria longivalvata Green (Coccidae):					
Gardenia jasminoides (cut flowers)	Costa Rica, Tahiti	2			Fla., Hawaii
Peperomia sp. (plant)	Jamaica			1	Fla.
Protopulvinaria pyriformis (Ckll.) (Coccidae):					
Bauhinia variegata (Buddist bauhinia)	Bahamas		1		Fla.
Gardenia jasminoides (leaf)	Bahamas, Cuba, El Salvador.	4		1	Bahamas, Calif.,* Fla., La.
Pseudaonidia trilobitiformis (Green) (Coccidae):					
Citrus aurantifolia (lime)	Argentina, Brazil	1	5		Calif.*
C. limon (lemon)	Brazil, Philippines, Tahiti.	1	4		Calif.,* Hawaii.
C. paradisi (grapefruit)	Philippines	1			Hawaii.
Mangifera indica (mango)	Brazil, Venezuela	1	1		Fla.
Pseudischnaspis alienus (Newst.) (Coccidae):					
Orchid (pseudobulb and plants)	British Honduras, Canal Zone, Costa Rica, El Salvador, Mexico, Panama.			7	Ariz., Fla., Wash.
Pseudischnaspis bowreyi (Ckll.) (Coccidae):					
Ficus elastica (Indiarubber fig) leaf	Mexico			1	Tex.
Orchid (leaf)	Peru			1	Fla.
Pseudischnaspis longissima (Ckll.) (Coccidae):					
Mangifera indica (mango)	El Salvador, unknown.	1	2		Calif.*
Pseudococcus boninsis (Kuw.) (Coccidae):					
Cordyline terminalis (ti) cutting	Unknown			1	Wash.

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Pseudococcus citriculus Green (Coccidae):					
Citrus sinensis (sweet orange)	Japan	-----	1	-----	Hawaii.
Pseudococcus ferrisi (Ezzat & McConnell) (Coccidae):					
Gardenia sp. (leaf)	Mexico	-----	-----	1	Calif.
Pseudococcus gahani Green (Coccidae):					
Citrus limon (lemon)	Chile	-----	1	-----	Fla.
C. sinensis (sweet orange)	France	1	-----	-----	N.Y.
Pseudococcus lilacinus Ckll. (Coccidae):					
Psidium guajava (guava)	Philippines	1	-----	-----	Hawaii.
Pseudococcus palmarum (Ehrh.) (Coccidae):					
Cocos nucifera (coconut)	Guam, Hawaii	11	-----	4	Calif.,* Hawaii, Tex.
Pseudodiaspis yuccae (Ckll.) (Coccidae):					
Nolina palermi	Mexico	-----	-----	1	Calif.
Yucca sp	do	-----	-----	1	Calif.
Pseudoparlatoria ostreata Ckll. (Coccidae):					
Oncidium sp. (orchid) leaf	Costa Rica	-----	-----	1	Fla.
Orchid (leaf)	Bolivia	-----	-----	1	Fla.
Pelargonium sp. (geranium) stem	Guatemala	-----	-----	1	Calif.*
Pseudoparlatoria turgida Ferris (Coccidae):					
Bromeliad (leaf)	Brazil	-----	-----	1	Fla.
Pseudophasma cyllarus (Westw.) (Phasmatidae):					
Orchid (plant)	Jamaica	-----	-----	1	Fla.
Psylla melanoneura Foerst.(?) (Psyllidae):					
Crataegus sp. (hawthorn) leaf	France	1	-----	-----	N.Y.
Psylla pyri (L.) (Psyllidae):					
Mentha sp. (mint) leaf	Italy	1	-----	-----	N.Y.
Pulvinaria psidii Mask. (Coccidae):					
Alpinia purpurata	Hawaii	32	-----	-----	Hawaii.
Anthurium sp	do	-----	-----	1	Hawaii.
Carissa grandiflora (Natal-plum carissa)	Mexico	-----	-----	1	Tex.
Clusia rosea (copey clusia)	Hawaii	1	-----	-----	Hawaii.
Gardenia jasminoides (leaf)	do	6	-----	-----	Calif.,* Hawaii.
Ixora chinensis	Fiji	1	-----	-----	Hawaii.
Lagerstroemia sp. (crapemyrtle)	Indonesia	-----	-----	1	Hawaii.
Litchi chinensis (lychee) twig and fruit	Unknown	1	-----	-----	Wash.
Puto mexicanus (Ckll.) (Coccidae):					
Epidendrum sp. (orchid)	Mexico	-----	-----	1	Tex.
Orchid (plant)	do	-----	-----	1	Tex.
Puto uter Ferris (Coccidae):					
Cattleya bowringiana (orchid)	Guatemala	-----	-----	1	Tex.
Orchid (plant)	do	-----	-----	1	Fla.
Pyrgocorypha sallei Sauss. (Tettigoniidae):					
Automobile	Mexico	1	-----	-----	Ariz.
Musa paradisiaca var. *sapientum* (banana)	do	1	-----	-----	Tex.
Pyrrhidium sanguineum (L.) (Cerambycidae):					
Apium graveolens (celery) seed	Unknown	1	-----	-----	N.C.
Pyrrhocoris apterus (L.) (Pyrrhocoridae):					
Straw (jacket for liquor bottle)	Greece	-----	1	-----	Tex.
Radiodiscus proameri H. B. Baker (Endodontidae):					
Orchid (plant)	Mexico	-----	-----	1	Tex.
Soil with unidentified plant	do	-----	-----	1	Tex.
Reticulitermes flavipes (Koll.) (Rhinotermitidae):					
Ananas comosus (pineapple)	do	1	-----	-----	Tex.
Automobile	do	-----	1	-----	Tex.
Cactus	do	-----	-----	1	Tex.
Orchid (plant)	do	-----	-----	1	Tex.
Railway car	do	-----	1	-----	Tex.
Retinella hammonis (Ström.) (Zonitidae):					
Plants—unidentified	Germany	-----	-----	1	N.J.
Rubus sp	France	-----	1	-----	Mass.
Rhagoletis cerasi (L.) (Tephritidae):					
Prunus sp. (cherry)	Czechoslovakia, France, Germany, Italy, Spain, unknown.	6	22	-----	N.Y., P.R., Tex.
Rhaphigaster nebulosa (Poda) (Pentatomidae):					
Baggage	Italy	1	-----	-----	Mass.

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Rhinocola ericae (Curt.) (Psyllidae):					
Calluna vulgaris (heather)	England, Germany, Ireland, Scotland.	2		2	N.Y., Wash.
Rhipiphorothrips pulchellus Morgan (Thripidae):					
Theobroma cacao (cacao) leaf	Philippines	1			Wash.
Rhophobota naevana (Hbn.) (Olethreutidae):					
Ilex sugeroki (sugeroki holly)	Japan			1	D.C.
Rhyacionia buoliana (Schiff.) (Olethreutidae):					
Pinus sp. (pine)	Brazil		1		Ala.
Rhynchaenus populi (F.) (Curculionidae):					
Syringa sp. (lilac) cut flowers	Netherlands	1			N.Y.
Rhynchophorus palmarum (L.) (Curculionidae):					
Cargo	Ecuador	1			La.
Rhyparochromus immaculatus (Rey) (Lygaeidae):					
Fragaria sp. (strawberry) leaf of plant	France			1	N.Y.
Roucasia ovata Goux. (Aleyrodidae):					
Hedera sp. (ivy)	Italy			1	Mass.
Rumina decollata (L.) (Achatinidae):					
Palm (seed)	Mexico			1	Tex.
Soil with unidentified plants	Bermuda, Mexico			3	Tex., Va.
Schaeicheila bahamensis Pfeiffer (Helicinidae):					
Orchid (plant)	Bahamas			1	Fla.
Schneidereria pistaciella Weber (Gelechiidae):					
Anacardium sp. (cashew) nut	Greece	1			N.Y.
Pistacia mutica (Turkterebinth pistache) nut	do	4			N.Y.
P. vera (common pistache) nut	Lebanon	1			Ohio.
Schoenobius incertulas (Wlk.) (Schoenobiidae):					
Airplane	Japan, unknown		3		Hawaii.
Sciocoris fuscosparsus Stal (Pentatomidae):					
Vitis sp. (grape)	Republic of South Africa.	1			N.Y.
Sclerocona acutellus (Ev.) (Pyraustidae):					
Phragmites communis (common reed) fence	Japan	1			Calif.
Sculptaria retisculpta (Martens) (Corillidae):					
Myrothamnus flabellifolia (plant)	Republic of the Congo			1	D.C.
Selenaspidus silvaticus Ldgr. (Coccidae):					
Protea sp	Republic of South Africa.	1			Mass.
Selenothrips rubrocinctus (Giard) (Thripidae):					
Anthurium sp	Hawaii	1			Hawaii.
Cordyline terminalis (ti) leaf	do	1			Hawaii.
Eugenia jambos (rose-apple)	Dominican Republic	1			N.Y.
Flowers	Guadeloupe	1			P.R.
Garcinia mangostana (mangosteen)	Guatemala	1			La.
Leaf—unidentified	Dominican Republic	1			Fla.
Theobroma cacao (cacao) leaf	Philippines	1			Wash.
Sesamia cretica Led. (Noctuidae):					
Sorghum vulgare var. *technicum* (broomcorn)	France, Greece, Italy	8			Md., Mass., N.Y.
Sesamia inferens (Wlk.) (Noctuidae):					
Airplane	Japan		1		Hawaii.
Sesamia nonagrioides (Lef.) (Noctuidae):					
Baggage	Unknown	1			N.Y.
Sorghum vulgare var. *technicum* (broomcorn)	Azores	1			N.Y.
Sinoxylon anale Lesne (Bostrichidae):					
Dalbergia sp. (rosewood) log	Vietnam	1			La.
Wood (crates and processed lumber)	India	4			Mass., N.Y., Oreg.
Sinoxylon conigerum Gerst. (Bostrichidae):					
Dalbergia sp. (rosewood) log	Vietnam	1			La.
Wood (crate and van)	Ceylon, India	2			Calif.,* Pa.
Sinoxylon sexdentatum (Ol.) (Bostrichidae):					
Allium sativum (garlic)	Italy	1			N.Y.
Siphanta acuta (Wlk.) (Flatidae):					
Anthurium sp. (cut flowers)	Hawaii	1			Hawaii.
Kalanchoe sp	do			1	Hawaii.
Phaius wallichii (orchid)	do	1			Hawaii.
Sirex juvencus (L.) (Siricidae):					
Cargo (household goods)	Japan	1			Va.
Sisamnes contractus Dist. (Lygaeidae):					
Cactus	Mexico			1	Tex.

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Spanioneura fonscolombei Foerst. (Psyllidae):					
Flowers	England, unknown		2		Wash.
Ligustrum sp. (privet)	Unknown		1		Mich.
Sphenarches caffer (Zell.) (Pterophoridae):					
Cajanus cajan (pigeonpea) pod	Puerto Rico	1			N.Y.
Spodoptera mauritia acronyctoides (Guen.) (Noctuidae):					
Plumeria sp	Hawaii	2			Hawaii.
Steneotarsonemus laticeps (Halb.) (Tarsonemidae):					
Narcissus sp. (bulb)	England, Ireland, New Zealand, Northern Ireland.			193	N.J.
Stenoma catenifer Wlsm. (Stenomidae):					
Persea americana (avocado)	British Honduras, Colombia, Costa Rica, Ecuador, El Salvador, Honduras, Mexico, Nicaragua, Panama, Venezuela.	30	4	1	Calif.,*Fla., Md., N.Y., Tex.
Stenoptilia stigmatodactyla Zell. (Pterophoridae):					
Gentiana sp. (gentian) cut flowers	Switzerland	3			Mass., N.J., N.Y.
Stephanitis nashi Esaki & Takeya (Tingidae):					
Chrysanthemum sp. (cut flowers)	Japan	1			Hawaii.
Stephanoderes hampei (Ferr.) (Scolytidae):					
Coffea arabica (Arabian coffee)	Brazil, Liberia, Republic of South Africa.	5			D.C., Fla., Hawaii, La., Md.
C. canephora (robust coffee)	West Africa	1			D.C.
Stereotydeus mexicanus Baker (Eupodidae):					
Orchid (plant)	Mexico			1	Tex.
Plant—unidentified	do	1			Tex.
Sternochetus mangiferae (F.) (Curculionidae):					
Mangifera indica (mango)	Hawaii	39	5	4	Calif.,* Ga., Hawaii.
Sterrha inquinata (Scop.) (Geometridae):					
Capsicum annuum (pepper)	Italy	2			Pa.
Stygnocoris fuligineus Geoffroy (Lygaeidae):					
Fragaria sp. (strawberry) plant	France			1	N.Y.
Subulina octona (Bruguiere) (Achatinidae):					
Military cargo (conex box)	Libya	1			N.C.
Orchid (plant)	British Honduras, Colombia, Jamaica, Mexico.			9	Fla., Tex.
Soil with *Codiaeum* sp. (plant)	Jamaica			1	Bahamas.
Soil with *Coleus* sp. (plant)	Honduras			1	La.
Soil with *Dieffenbachia* sp. (plant)	Puerto Rico			2	Pa.
Soil with unidentified plants	Mexico			1	Ariz.
Suidasia medanensis Oud. (Acaridae):					
Pandanus sp. (screwpine)	Tahiti	1			Hawaii.
Symphylus ramivittata (Wlk.) (Pentatomidae):					
Aquatic plant	Peru			1	Fla.
Synrias diffundens (Wlk.)(?)(Noctuidae):					
Airplane	Venezuela		1		Fla.
Systole albipennis Wlk. (Eurytomidae):					
Foeniculum vulgaris (common fennel)	Italy			1	N.J.
Taeniothrips atratus (Hal.)(Thripidae):					
Callistephus chinensis (China aster)	Netherlands	1			N.Y.
Calluna vulgaris (heather)	Scotland	1			Mass.
Dianthus caryophyllus (carnation)	Portugal, Scotland, Spain, unknown.	2	1	1	N.Y., Pa.
Flowers	England, Germany, Iceland, Ireland, unknown.	5	5		Mass., N.J., Pa., Wash.
Lathyrus odoratus (sweetpea)	England	1			Wash.
Nursery stock	England, Netherlands			7	N.J.
Petroselinum crispum (parsley)	England		1		Wash.
Rosa hybrid (rose)	Finland	1			N.Y.
Taeniothrips dianthi Priesner (Thripidae):					
Flowers	England	1			Mass.

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Taeniothrips discolor (Karny) (Thripidae) (tentative):					
Dianthus caryophyllus (carnation)	Israel	1			N.Y.
Taeniothrips ericae (Hal.) (Thripidae):					
Callistephus chinensis (China aster)	Netherlands	1			N.Y.
Calluna vulgaris (heather)	Canada, Ireland, Scotland.	2		3	Alaska, Pa., Wash.
Taeniothrips gracilis Mlt. (Thripidae):					
Antirrhinum majus (snapdragon)	Japan	1			Hawaii.
Lycoris radiata (shorttube lycoris) bulb	do			3	N.Y., Wash.
L. squamigera (autumn lycoris) bulb	do			6	N.J., N.Y., Wash.
Lycoris sp	do			7	Calif.,* N.J., N.Y., Wash.
Narcissus tazetta (polyanthus narcissus)	Hong Kong	1			Hawaii.
Taeniothrips hawaiiensis (Morg.) (Thripidae):					
Allium sativum (garlic)	Philippines	1			Hawaii.
Calotropis gigantea (Akund calotrope)	Hawaii	1			Hawaii.
Chrysanthemum sp. (cut flowers)	Japan	1			Hawaii.
Dianthus caryophyllus (carnation)	do	2	2		Hawaii.
Flowers	Australia, Hawaii	2			Hawaii.
Gardenia jasminoides	Hawaii	50			Hawaii.
Gardenia sp	Japan		1		Hawaii.
Hibiscus sp	Hawaii, Okinawa	1		1	Hawaii.
Narcissus tazetta (polyanthus narcissus)	Japan	1			Hawaii.
Oryza sativa (rice) straw	do	2			Hawaii.
Plumeria rubra (Mexican frangipani)	Hawaii	1			Hawaii.
Plumeria sp	do	3			Calif.,* Hawaii.
Sesbania grandiflora (agati sesbania)	do	1			Hawaii.
Vanda 'Miss Joachim' (orchid	do	1			Hawaii.
Vanda sp	do	1			Hawaii.
Taeniothrips picipes (Zett.) (Thripidae):					
Convallaria sp. (lily-of-the-valley)	Norway	1			N.Y.
Gentiana sp. (gentian) cut flowers	Switzerland	1			N.Y.
Rhododendron sp. (azalea) cut flowers	England	1			N.Y.
Taeniothrips vitticornis (Karny) (Thripidae):					
Canavalia microcarpa (mauna loa)	Hawaii	1			Hawaii.
Talponia batesi Hein. (Olethreutidae):					
Annona cherimola (cherimoya) fruit	Mexico	6			Tex.
A. muricata (soursop) seed	Dominican Republic		1		Pa.
Annona sp. (seed)	Mexico	1			Tex.
Talurus rugosus (Jac.) (Chrysomelidae):					
Airplane	Nicaragua		1		P.R.
"Targionia" bromiliae (Leon) (Coccidae):					
Ananas comosus (pineapple)	Azores, Mexico, Portugal.	3			Calif., N.Y.
"Targionia" hartii (Ckll.) (Coccidae):					
Dioscorea sp. (yam) fruit	Cuba	1	1		Fla.
Zingiber officinale (ginger)	Hong Kong	1			Calif.*
"Targionia" sacchari (Ckll.) (Coccidae):					
Cymbopogon citratus (lemongrass)	Puerto Rico			1	D.C.
Saccharum officinarum (sugarcane)	do		1		Pa.
Targionia yuccarum (Ckll.) (Coccidae):					
Dudleya sp. (plant)	Mexico			1	Calif.
Teleonemia scrupulosa Stal (Tingidae):					
Mentha sp. (mint)	Panama	1			Fla.
Tenthecoris angustimarginatus Hsiao & Sailer (Miridae):					
Orchid (plant)	Mexico			2	Tex.
Tenthecoris confusus Hsiao & Sailor (Miridae):					
Orchid (plant)	British Honduras, Mexico.			3	Fla., Tex.
Tenthecoris distinctus Hsiao & Sailer (Miridae):					
Orchid (plant)	Mexico			2	Tex.
Tenthecoris exitiosus (Dist.) (Miridae):					
Orchid (plant)	Peru			2	Fla.
Tenthecoris venezuelensis Hsiao & Sailer (Miridae):					
Orchid (plant)	Venezuela			1	Tex.

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Tenthecoris vestitus (Dist.) (Miridae):					
Oncidium sp. (orchid)	Guatemala			1	Fla.
Terastria meticulosalis Guen. (Pyraustidae):					
Orchid (plant)	Peru			1	Fla.
Termatophylella fulvioides Carvalho (Miridae):					
Bromeliad	Mexico			1	Tex.
Tetraleurodes aucubae (Kuw.) (Aleyrodidae):					
Citrus sinensis (sweet orange)	Japan		1		Calif.*
Tetraleurodes graminis Takah. (Aleyrodidae):					
Paspalum sp. (paspalum grass)	Formosa			1	Wash.
Tetranychus cinnabarinus (Bois.) (Tetranychidae):					
Chrysanthemum morifolium (cut flowers)	Japan	1			Hawaii.
Dianthus caryophyllus (carnation)	do	1			Wash.
Phaseolus vulgaris (bean)	Mexico	1			Calif.
Tetranychus viennensis Zacher (Tetranychidae):					
Malus sylvestris (apple)	Poland	1			Wash.
Theba pisana (Müller) (Helicidae):					
Automobile	Morocco	1			S.C.
Baggage (probably for food)	Italy	1			N.Y.
Brassica oleracea var. *botrytis* (cauliflower)	Morocco		1		Va.
B. oleracea var. *capitata* (cabbage)	Spain		1		N.Y.
Cargo—general	Morocco, Spain	3			La., Mass., N.Y.
Flowers	Israel	1			N.Y.
Herb—unidentified	Cuba	1			Fla.
Lactuca sativa (lettuce)	Italy		1		N.Y.
Military cargo	Azores, France, Italy, Libya, Morocco, Spain, unknown.	58			La., Mass., N.Y., S.C., Tex., Va.
Mollusks	Morocco	4			N.Y.
Muscari comosum (cipollino)	do	1			N.Y.
Petroselinum crispum (parsley)	France, Spain		2		N.Y., Pa.
Plant material	France, Israel	2			D.C., N.Y.
Rosa hybrid	France	2			N.Y.
Rosmarinus officinalis (rosemary)	Azores	1			Mass.
Solanum tuberosum (potato)	Spain		1		Tex.
Stores	Unknown		1		Mich.
Theba planata (Holten) (Helicidae):					
Military cargo (metal cylinder)	Spain	1			Va.
Thrips angusticeps Uzel (Thripidae):					
Flowers	do	1			Wash.
Lactuca sativa (lettuce)	Unknown		1		Calif.*
Thrips flavus Schrank (Thripidae):					
Antirrhinum majus (snapdragon)	Germany	1			N.Y.
Chrysanthemum sp. (cut flowers)	Japan	1			Alaska.
Dianthus caryophyllus (carnation)	Scotland unknown		1	1	N.Y., Pa.
Flowers (mixed)	England, Ireland, unknown.	2	5		Mass., Pa., Wash.
Gardenia sp. (cut flowers)	Japan	1			Wash.
Nursery stock	England, Netherlands			10	N.J.
Rosa hybrid	England		1		Ill.
Soil with unidentified plants	France		1		Mass.
Thrips imaginis Bagnall (Thripidae):					
Chrysanthemum sp.	Australia	1			Hawaii.
Flowers (mixed, wild)	do	1			Wash.
Thrips major Uzel (Thripidae):					
Callistephus chinensis (China aster)	Netherlands	1			N.Y.
Dianthus caryophyllus (carnation)	Italy	1			N.Y.
Flowers (mixed)	England, Turkey, unknown.	1	3		N.Y., Pa., Wash.
Nursery stock	Netherlands			3	N.J.
Rosa hybrid	Denmark, England, Poland.	3			Hawaii, N.Y.
Toxotrypana curvicauda Gerst. (Tephritidae):					
Carica papaya (papaya)	Puerto Rico	1			P.R.
Trancs internatus Pascoe (Curculionidae):					
Macrozamia fawcettii (cycad)	Australia			1	Calif.*
Trialeurodes similis Rsl. (Aleyrodidae):					
Persea americana (avocado) leaf	Mexico	1		1	Tex.
Trialeurodes variabilis (Q.) (Aleyrodidae):					
Citrus sp. (leaf)	do	2			Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nomentry	Propagation	
Trialeurodes vitrinellus Ckll. (Aleyrodidae):					
Citrus sp. (leaf)	Mexico	1			Tex.
Trichia hispida (L.) (Helicellidae):					
Apium graveolens (celery)	Netherlands		1		Pa.
Brassica oleracea var. *capitata* (cabbage)	England		1		Ga.
Erica sp. (heath)	Australia			1	N.Y.
Liliaceae	Ireland			1	N.Y.
Malus sylvestris (apple)	Spain		1		N.Y.
Military cargo	France	1			La.
Plants—unidentified	Germany			1	N.J.
Rosa hybrid	France	1			N.Y.
Soil and sphangum moss	Germany	1			Tex.
Soil with various plants	Belgium, England			2	Mass., Mich.
Tropaeolum sp. (nasturtium) seed	Netherlands			1	Pa.
Trichia striolata (Pfeiffer) (Helicellidae):					
Cotinus coggygria (common smoketree)	Austria, Italy			5	N.J.
Dianthus caryophyllus (carnation)	Ireland	1			N.Y.
Primula sp. (primrose) plant	England			1	Wash.
Trionymus sacchari (Ckll.) (Coccidae):					
Saccharum officinarum (sugarcane)	Barbados, Cuba, Fiji, India.	3		2	D.C., Hawaii, N.Y.
Trioza anceps Tuth. (Psyllidae):					
Persea americana (avocado) leaf	Mexico	1			Tex.
Trogoderma granarium Everts (Dermestidae):					
Acacia senegal (gum arabic)	India, Sudan	44			Md., N.Y.
Anogeissus latifolia (gum ghatti)	India	3			N.Y.
Arachis hypogaea (peanut) debris	West Africa		1		Ohio.
Bagging (including new and used burlap and wrappers on celery seed, cinnamon quills, cotton waste, crates of brassware, flax waste, gum arabic, guar gum, karaya gum, lentils, nutmeg, pepper, pigeonpeas, potatoes, psyllium husks, rice, and senna siftings).	Belgium, Ceylon, England, India, Indonesia, Netherlands, Pakistan, Senegal, Singapore, Sudan, United Arab Republic, unknown.	92	6		Ala., La., Mass., N.Y., N.C., Pa., S.C., Tex.
Cajanus cajan (pigeonpea)	England, India, Singapore.	1	8		Calif.,* Ga., N.C., Pa., Tex.
Cargo (hold of ship)	Unknown		6		S.C.
Cinnamomum sp. (cinnamon) quills	Ceylon	1			N.Y.
Cuminum cyminum (cumin) seed	India, Iran	7	2		N.Y., N.C., Pa., Tex.
Curcuma longa (turmeric)	India	1			N.Y.
Cyamopsis tetragonoloba (guar gum)	India, Pakistan, unknown.	8	1		Md., N.Y., S.C., Tex.
Debris (in storeroom)	Korea, unknown		2		Fla., Mass.
Glycine max (soybean)	Senegal		1		N.Y.
Grain (as cargo and residue)	India, Mexico, Sudan, unknown.	3	2		Minn., N.Y., Tex.
Karaya gum	India, Sudan	8			N.Y.
Oryza sativa (rice)	Formosa, India, Italy, Singapore, Thailand, unknown.		14		Calif.,* Ga., N.Y., N.C., Ohio, Pa., Tex., Wash.
Phaseolus vulgaris (bean)	Netherlands		1		Tex.
Pisum sativum (pea)	Formosa, India		2		Calif.,* Pa.
Rhizophora sp. (mangrove) bark	Tanganyika	1			S.C.
Stores (including chili pepper, coriander, cumin seed, flour, mung bean, noodles, pigeonpea, rice, and sugar)	Belgium, China, Formosa, France, Greece, India, Italy, Kuwait, Sierra Leone, Singpore, Sudan, unknown.		27		Calif.,* Fla., Ga., Hawaii, La., Mass., Mich., N.Y., N.C., Pa., S.C., Tex. Wash.
Terminalia sp. (myrobalan)	India	4			Ga., Pa., S.C., Va.
Triticum aestivum (wheat)	Belgium, unknown	1	1		Md., Tex.
Zea mays (corn) seed	Hong Kong			1	Hawaii.
Tropidacris cristata (L.) (Acrididae):					
Quarters	Ecuador		1		Fla.
Tropidacris latreillei (Perty) (Acrididae):					
Cargo	do	1			Tex.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Udea ferrugalis (Hbn.) (Pyraustidae):					
Apium graveolens (celery)	France	-----	1	-----	N.Y.
Brassica oleracea var. *botrytis* (cauliflower)	England	-----	1	-----	Ga.
B. oleracea var. *capitata* (cabbage)	Portugal	-----	1	-----	N.Y.
Cucurbita pepo (zucchini squash)	Italy	---	1	-----	N.Y.
Pelargonium sp. (geranium)	Portugal	-----	-----	1	Mass.
Unaspis citri (Comst.) (Coccidae):					
Citrus aurantifolia (lime)	American Samoa	1	-----	-----	Hawaii.
C. limon (lemon)	Canal Zone, Panama, Trinidad.	1	2	-----	Calif.*
C. paradisi (grapefruit)	Costa Rica, Puerto Rico.	-----	2	-----	Calif.*
C. reticulata (Mandarin orange)	Panama	1	-----	-----	Calif.*
C. sinensis (sweet orange)	Argentina, unknown	-----	3	-----	Calif.*
Citrus sp. (leaf)	El Salvador	1	-----	-----	Calif.*
Unaspis yanonensis (Kuw.) (Coccidae):					
Citrus aurantifolia (lime)	Japan	-----	2	-----	Hawaii, Oreg.
C. aurantium (sour orange)	do	-----	16	-----	Calif.,* Pa.
C. grandis (pummelo)	do	2	2	-----	Hawaii, Oreg.
C. ichangensis × *C. reticulata* (ichandarin)	do	-----	2	-----	Calif.*
C. limon (lemon)	Australia, Japan	2	14	-----	Calif.,* Hawaii, Oreg., Pa.
C. mitis (calamondin orange)	Japan	-----	1	-----	Calif.*
C. paradisi (grapefruit)	do	-----	8	-----	Calif.,* Hawaii.
C. paradisi × *C. reticulata* (tangelo)	do	1	1	-----	Hawaii.
C. reticulata (Mandarin orange)	Japan, Philippines	33	139	-----	Calif.,* Hawaii, N.Y., Oreg.
C. reticulata hybrid	Hong Kong, Japan	2	2	-----	Hawaii.
C. sinensis (sweet orange)	Hong Kong, Japan, unknown.	8	116	-----	Calif.,* Hawaii, N.Y., Oreg., Pa.
Citrus sp.	Japan	3	2	-----	Hawaii, N.Y.
Vaginulus occidentalis (Guilding) (Veronicellidae):					
Bromeliad (plant)	Canal Zone	-----	-----	1	Fla.
Orchid (plant)	do	-----	-----	1	Tex.
Philodendron sp. (plant)	Colombia	-----	-----	1	Fla.
Vaginulus occidentalis (Guilding) (?) (Veronicellidae):					
Brassica oleracea var. *capitata* (cabbage)	Tortola	1	-----	-----	Am. V.I.
Caladium sp. (plant)	Haiti	-----	-----	1	N.Y.
Orchid (plant)	El Salvador	-----	-----	2	Fla.
Valitisius diversus (Dist.) (Lygacidae):					
Citrus aurantifolia (lime)	Mexico	1	-----	-----	Tex.
Orchid (plant)	Costa Rica	-----	-----	1	Tex.
Veronicella moreleti (Crosse & Fischer) (Veronicellidae):					
Chamaedorea sp. (palm) leaf	Mexico	1	-----	-----	Pa.
Musa paradisiaca var. *sapientum* (banana)	Honduras	1	-----	-----	S.C.
Vilga dissimilis Dist. (Coreidae):					
Orchid (plant)	Canal Zone, Honduras, Panama.	-----	-----	4	Fla.
Vilga divarigata Champ. (Coreidae):					
Orchid (plant)	Canal Zone	-----	-----	4	Fla.
Vinsonia stellifera (Westw.) (Coccidae):					
Aspasia sp. (orchid) leaf	do	-----	-----	1	Fla.
Brassia caudata (orchid) leaf	Canal Zone, Panama	-----	-----	2	Fla.
Broughtonia sp. (orchid) leaf	Jamaica	-----	-----	14	Fla.
Cattleya sp. (orchid) leaf	Antigua	-----	-----	1	N.J.
Epidendrum fragrans (orchid)	Canal Zone	-----	-----	1	Fla.
Epidendrum sp.	Antigua, Canal Zone, Jamaica, Panama, Trinidad.	-----	-----	6	Fla.
Congora sp. (orchid) leaf	Nicaragua	-----	-----	1	Fla.
Lycaste sp. (orchid) leaf	Canal Zone	-----	-----	1	Fla.
Oncidium altissimum (orchid) leaf	British Honduras	-----	-----	1	Fla.
O. panamense (orchid) leaf	Canal Zone	-----	-----	1	Fla.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Vinsonia stellifera—Con.					
Orchid (leaf of plant)	American Virgin Islands, Antigua, Bahamas, British Guiana, British Honduras, Canal Zone, Dominica, Honduras, Jamaica, Mauritius, Panama, Trinidad, unknown.			42	Calif.,* Fla., P.R.
Vitrina diaphana Draparnaud (Zonitidae):					
Brassica oleracea var. *capitata* (cabbage)	France		1		Pa.
Xiphidiopsis lita Heb. (Tettigoniidae):					
Anthurium andraeanum (flamingo anthurium)	Hawaii	1			Hawaii.
Anthurium sp. (cut flowers)	do	1			Hawaii.
Flowers	do	1			Hawaii.
Leaf—unidentified	do	1			Hawaii.
Xylopsocus capucinus (Fab.) (Bostrichidae):					
Wood (crate)	Indonesia	1			Calif.*
Xystrocera globosa (Ol.) (Cerambycidae):					
Operculina tuberosa (wood-rose)	Hawaii	1			Hawaii.
Yosemitia didactia Dyar (Phycitidae):					
Cactus (plant)	Mexico			1	Tex.
Zachrysia guanensis Poey (Camaenidae):					
Baggage	Cuba	1			Fla.
Zeadiatraea lineolata (Wlk.) (Crambidae):					
Zea mays (corn)	Bahamas, Guatemala	1	2		Fla., Tex.
Zonitoides arboreus (Say) (Zonitidae):					
Bromeliad (plant)	France, Mexico			2	Ariz., Fla.
Orchid (plant)	Aruba, Costa Rica, El Salvador, Germany, Guatemala, Mexico, Peru.			12	Ariz., Calif.,* Fla., Tex.
Palm (plant)	Mexico			1	Tex.
Saintpaulia sp. (African-violet)	Canada			1	Wash.
Soil with *Pinus* sp.	Japan			1	Hawaii.
Zygospila bigenera Stal (Chrysomelidae):					
Orchid (plant)	Honduras			1	Fla.

Hosts and Insects

ABIES:
Megastigmus suspectus (Hymenoptera)
ACACIA:
Trogoderma granarium (Coleoptera)
ACALYPHA:
Adoretus sinicus (Coleoptera)
ACHRAS:
Anastrepha serpentina (Diptera)
AGAVE:
Batrachedra linaria (Lepidoptera)
Cautotops distanti (Hemiptera)
Chrysomphalus tingi (Homoptera)
Ligyrocoris auritilliana (Hemiptera)
Oxophora consanguineus (Hemiptera)
ALLIUM CEPA:
Acrolepia assectella (Lepidoptera)
Myzus ascalonicus (Homoptera)
ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
Hispa atra (Lepidoptera)
Limax marginatus (Mollusca)
ALLIUM SATIVUM:
Brachycerus albidentatus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Sinoxylon sexdentatum (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
ALLIUM SP.:
Myzus ascalonicus (Homoptera)
ALOE:
Exptochiomera formosa (Hemiptera)
ALPINIA:
Coccus viridis (Homoptera)
Geotomus pygmaeus (Hemiptera)
Monomorium destructor (Hymenoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
ALSTONIA:
Coccus viridis (Homoptera)
ALYXIA:
Ceroplastes rubens (Homoptera)
Pinnaspis uniloba (Homoptera)
ANACARDIUM:
Schneidereria pistaciella (Lepidoptera)
ANANAS:
Alpheias conspirata (Lepidoptera)
Cryptocephalus marginicollis (Coleoptera)
Neoclytus acuminatus (Coleoptera)
Reticulitermes flavipes (Isoptera)
"Targionia" bromiliae (Homoptera)
ANEMONE:
Myzus ascalonicus (Homoptera)
ANNONA:
Bephrata maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Talponia batesi (Lepidoptera)
ANOGEISSUS:
Trogoderma granarium (Coleoptera)
ANTHURIUM:
Bradybaena similaris (Mollusca)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Siphanta acuta (Homoptera)
Xiphidiopsis lita (Homoptera)
ANTIRRHINUM:
Bradybaena similaris (Mollusca)
Taeniothrips gracilis (Thysanoptera)
Thrips flavus (Thysanoptera)
APIUM:
Cecilioides acicula (Mollusca)
Pyrrhidium sanguineum (Coleoptera)
Trichia hispida (Mollusca)
Udea ferrugalis (Lepidoptera)
ARACHIS:
Trogoderma granarium (Coleoptera)
ARAUCARIA:
Laspeyresia araucaria (Lepidoptera)
ARBUTUS:
Eucheira socialis (Lepidoptera)
ARMORACIA:
Baris lepidii (Coleoptera)
ARTOCARPUS:
Anaballus amplicollis (Coleoptera)
Aspidiotus palmae (Homoptera)
Dacus dorsalis (Diptera)
ASPARAGUS:
Bradybaena similaris (Mollusca)
Conoderus exsul (Coleoptera)
ASPASIA:
Vinsonia stellifera (Homoptera)
ASTER:
Haplothrips gowdeyi (Thysanoptera)
BAMBOO:
Asterolecanium miliaris miliaris (Homoptera)
Lyctus africanus (Coleoptera)
Minthea rugicollis (Coleoptera)
Neoadozoplatys saileri (Hemiptera)
Platypus rugulosus (Coleoptera)
BAMBUSA:
Asterolecanium bambusae (Homoptera)
A. pseudomiliaris (Homoptera)
BARRINGTONIA:
Ectomyelois ceratoniae (Lepidoptera)
BAUHINIA:
Protopulvinaria pyriformis (Homoptera)
BEAUCARNEA:
Lepidosaphes carinata (Homoptera)
BENINCASA:
Pachybrachius albocinctus (Hemiptera)
BETA:
Arion ater (Mollusca)
Gnorimoschema ocellatella (Lepidoptera)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Lixus junci (Coleoptera)
Mamestra brassicae (Lepidoptera)
BETULA:
Eriophyes leionotus (Acarina)
BRASSAVOLA:
Orthalicus undatus (Mollusca)
BRASSIA:
Vinsonia stellifera (Homoptera)
BRASSICA CHINENSIS:
Mamestra brassicae (Lepidoptera)
BRASSICA OLERACEA VAR. BOTRYTIS:
Autographa gamma (Lepidoptera)
Cochlicella ventrosa (Mollusca)
Helix aperta (Mollusca)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)
Udea ferrugalis (Lepidoptera)
BRASSICA OLERACEA VAR. CAPITATA:
Anacridium aegyptium (Orthoptera)
Arion hortensis (Mollusca)
Evergestis forficalis (Lepidoptera)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Limax marginatus (Mollusca)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Otala lactea (Mollusca)
Oulema melanopa (Coleoptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)
Trichia hispida (Mollusca)
Udea ferrugalis (Lepidoptera)
Vaginulus occidentalis(?)(Mollusca)
Vitrina diaphana (Mollusca)
BRASSICA RAPA:
Ceutorhynchus pleurostigma (Coleoptera)
BRASSICA SP.:
Loxostege bifidalis (Lepidoptera)
BROMELIAD:
Acentroptera nevermanni (Coleoptera)
Althos obscurus (Hemiptera)
Ancylostomia stercorea (Lepidoptera)
Arion ater (Mollusca)
Arphnus melanotylus (Hemiptera)
Aspidiotus mendax (Homoptera)
A. palmae (Homoptera)
Atheas nigricornis (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Cryphula apicata (Hemiptera)
Drymaeus alternans (Mollusca)
D. hegewischi (Mollusca)
Ethelema sobrina (Coleoptera)
Exptochiomera tumens (Hemiptera)

Hosts and Insects—Continued

BROMELIAD—Continued
Galgupha punctifer (Hemiptera)
G. quadrisignata (Hemiptera)
Helicina oweniana(?)(Mollusca)
H. zephyrina (Mollusca)
Iridomyrmex iniquus (Hymenoptera)
Lamellaxis gracilis (Mollusca)
Limax marginatus (Mollusca)
Mecolaemus carvalhoi (Hemiptera)
Monanthia monotropidia (Hemiptera)
Nasutitermes ephratae (Isoptera)
N. nigriceps (Isoptera)
Oplomus nigripennis pulcher (Hemiptera)
Orthalicus boucardi (Mollusca)
Pachybrachius albocinctus (Hemiptera)
Plagiodera punctigera (Coleoptera)
Pseudoparlatoria turgida (Homoptera)
Termatophylella fulvioides (Hemiptera)
Vaginulus occidentalis (Mollusca)
Zonitoides arboreus (Mollusca)
BROUGHTONIA:
Asterolecanium epidendri (Homoptera)
Vinsonia stellifera (Homoptera)
BUXUS:
Eriophyes canestrinii (Acarina)
CACTUS:
Amitermes wheeleri (Isoptera)
Bulimulus hepatostomus (Mollusca)
Cryphula apicata (Hemiptera)
Gymnococcus agavium (Homoptera)
Lepidosaphes philococcus (Homoptera)
Polygyra richardsoni (Mollusca)
Reticulitermes flavipes (Isoptera)
Sisamnes contractus (Hemiptera)
Yosemitia didactica (Lepidoptera)
CAESALPINIA:
Mimosestes sallaei (Coleoptera)
CAJANUS:
Acanthoscelides armitagei (Coleoptera)
A. griseolus (Coleoptera)
Ancylostoma stercorea (Lepidoptera)
Callosobruchus analis (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Trogoderma granarium (Coleoptera)
CALADIUM:
Vaginulus occidentalis(?) (Mollusca)
CALLISTEPHUS:
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips major (Thysanoptera)
CALLUNA:
Aphis callunae (Homoptera)
Lygus rugulipennis (Hemiptera)
Orthotylus ericetorum (Hemiptera)
Rhinocola ericae (Homoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
CALOCARPUM:
Anastrepha serpentina (Diptera)
CALOTROPIS:
Taeniothrips hawaiiensis (Thysanoptera)
CAMELLIA:
Aleurotrachelus camelliae (Homoptera)
Fiorinia theae (Homoptera)
CANAVALIA:
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips vitticornis (Thysanoptera)
CAPSICUM:
Ceratitis capitata (Diptera)
Ephestia calidella (Lepidoptera)
Gnorimoschema borsaniella (Lepidoptera)
G. gudmannella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Prodenia litura (Lepidoptera)
Sterrha inquinata (Lepidoptera)
CARICA:
Dacus dorsalis (Diptera)
Toxotrypana curvicauda (Diptera)
CARISSA:
Pulvinaria psidii (Homoptera)
CASIMIROA:
Anastrepha ludens (Diptera)
CASSIA:
Aganactesis indecora (Lepidoptera)
CASTANEA:
Curculio elephas (Coleoptera)
C. nucum (Coleoptera)
Helix aspersa (Mollusca)
Heterogenea asella (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
CATTLEYA:
Asterolecanium epidendri (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Puto ulter (Homoptera)
Vinsonia stellifera (Homoptera)
CEDRUS:
Cochlicella ventrosa (Mollusca)
CEPHALOCEREUS:
Lepidosaphes philococcus (Homoptera)
CERATONIA:
Ectomyelois ceratoniae (Lepidoptera)
CHAMAEDOREA:
Amnestus uhleri (Hemiptera)
Chrysomphalus sphaerioides (Homoptera)
Helicina zephyrina (Mollusca)
Loxostege similalis (Lepidoptera)
Parisoschoenus flavolimbatus (Coleoptera)
Veronicella moreleti (Mollusca)
CHRYSANTHEMUM:
Cleistolophus similis (Coleoptera)
Conoteius mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
F. schultzei (Thysanoptera)
F. williamsi (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Lygus lineolaris (Hemiptera)
Nysius tenellus (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Stephanitis nashi (Hemiptera)
Taeniothrips hawaiiensis (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
T. imaginis (Thysanoptera)
CIBOTIUM:
Ceroplastes rubens (Homoptera)
CICER:
Ancylostomia stercorea (Lepidoptera)
CICHORIUM:
Helicella itala (Mollusca)
CINNAMOMUM:
Trogoderma granarium (Coleoptera)
CITRULLUS:
Heterotermes maculatus (Isoptera)
Jadera rufofusca (Hemiptera)
CITRUS AURANTIFOLIA:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Homoptera)
Morganella longispina (Homoptera)
Paragonatus divergens (Hemiptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pheidole megacephala (Hymenoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
Valtissius diversus (Hemiptera)
CITRUS AURANTIUM:
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Chrysomphalus personatus (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS GRANDIS:
Ceratitis capitata(?) (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS ICHANGENSIS X C. RETICULATA:
Unaspis yanonensis (Homoptera)
CITRUS LIMON:
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Ectomyelois ceratoniae (Lepidoptera)
Parlatoria cinerea (Homoptera)
P. citri (Homoptera)
P. zizyphus (Homoptera)

Hosts and Insects—Continued

CITRUS LIMON—*Continued*
Pseudaonidia trilobitiformis (Homoptera)
Pseudococcus gahani (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CITRUS MITIS:
Unaspis yanonensis (Homoptera)
CITRUS PARADISI:
Anastrepha ludens (Diptera)
Aonidiella comperei (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Ectomyelois ceratoniae (Lepidoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CITRUS PARADISI X C. RETICULATA:
Unaspis yanonensis (Homoptera)
CITRUS RETICULATA:
Aonidiella citrina (Homoptera)
Ceratitis capitata (Diptera)
Heliz aspersa (Mollusca)
Parlatoria cinerea (Homoptera)
P. citri (Homoptera)
P. zizyphus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CITRUS RETICULATA HYBRID:
Unaspis yanonensis (Homoptera)
CITRUS SINENSIS:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
A. mombinpraeoptans (Diptera)
Aonidiella citrina (Homoptera)
Brevipalpus obovatus (Acarina)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Cryptophlebia leucotreta (Lepidoptera)
Ctenoglyphus plumiger (Acarina)
Dialeurodes citrifolii (Homoptera)
Ectomyelois ceratoniae (Lepidoptera)
Gymnandrosoma aurantianum (Lepidoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. citri (Homoptera)
P. zizyphus (Homoptera)
Pseudococcus citriculus (Homoptera)
P. gahani (Homoptera)
Tetraleurodes aucubae (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CITRUS SP.:
Aleurocanthus citriperdus (Homoptera)
A. woglumi (Homoptera)
Coccus viridis (Homoptera)
Parlatoria zizyphus (Homoptera)
Trialeurodes variabilis (Homoptera)
T. vitrinellus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CLEMATIS:
Helicella trochoides (Mollusca)
CLUSIA:
Pulvinaria psidii (Homoptera)
COCOS:
Agonaxena pyrogramma (Lepidoptera)
Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
A. excisus (Homoptera)
A. palmae (Homoptera)
Chrysomphalus personatus (Homoptera)
Diocalandra taitensis (Coleoptera)
Furcaspis oceanica (Homoptera)
Lepidosaphes esakii (Homoptera)
Pheidole megacephala (Hymenoptera)
Pseudococcus palmarum (Homoptera)
CODIAEUM:
Achaea janata (Lepidoptera)
Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)
COFFEA:
Campylenchia hastata (Homoptera)
Ceratitis capitata (Diptera)
C. colae (Diptera)
Coccus alpinus (Homoptera)
C. viridis (Homoptera)
Cryptophlebia leucotreta (Lepidoptera)
Leucoptera coffeella (Lepidoptera)
Stephanoderes hampei (Coleoptera)
COLA:
"*Lecanium*" *catori* (tentative) (Homoptera)
COLOCASIA:
Limax marginatus (Mollusca)
Oxychilus alliarius (Mollusca)
Ozophora quinquemaculata (Hemiptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
CONVALLARIA:
Taeniothrips picipes (Thysanoptera)
CORDYLINE:
Geotomus pygmaeus (Hemiptera)
Pinnaspis buxi (Homoptera)
Pseudococcus boninsis (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
CORYLUS:
Curculio nucum (Coleoptera)
COTINUS:
Helicella itala (Mollusca)
Trichia striolata (Mollusca)
CRATAEGUS:
Psylla melanoneura (?) (Homoptera)
CUCUMIS:
Apomecyna saltator (Coleoptera)
Diaphania indica (Lepidoptera)
Melanaethus planifrons (Hemiptera)
CUCURBITA:
Conotelus mexicanus (Coleoptera)
Udea ferrugalis (Lepidoptera)
CUMINUM:
Trogoderma granarium (Coleoptera)
CUPRESSUS:
Diaspis minima (Homoptera)
CURCUMA:
Trogoderma granarium (Coleoptera)
CYAMOPSIS:
Trogoderma granarium (Coleoptera)
CYCAS:
Anonidiella inornata (Homoptera)
Aspidiotus palmae (Homoptera)
CYCLAMEN:
Frankliniella formosae (Thysanoptera)
CYCNOCHES:
Iridomyrmex iniqurs (Hymenoptera)
CYDONIA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Chrysomphalus odontoglossi (Homoptera)
Ectomyelois ceratoniae (Lepidoptera)
Grapholitha packardi (Lepidoptera)
CYMBIDIUM:
Lepidosaphes tuberculata (Homoptera)
CYMBOPOGON:
"*Targionia*" *sacchari* (Homoptera)
CYNARA:
Anuraphis apiifolia (Homoptera)
Gortyna flavago (Lepidoptera)
CYTISUS:
Agonopterix costosa (Lepidoptera)
Bruchidius lividimanus (Coleoptera)
DALBERGIA:
Nasutitermes corniger (Isoptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
DAPHNE:
Lecanium persicae (tentative) (Homoptera)
DENDROBIUM:
Chrysomphalus nulliporus (Homoptera)
DIACHAEA:
Chrysomphalus umboniferus (Homoptera)
DIANTHUS:
Cacoecimorpha pronubana (Lepidoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. schultzei (Thysanoptera)
Haplothrips cottei (Thysanoptera)
Heliothis armigera (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
T. discolor (tentative) (Thysanoptera)

Hosts and Insects—Continued

DIANTHUS—*Continued*
T. hawaiiensis (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Trichia striolata (Mollusca)
DIGITARIA:
Antonina graminis (Homoptera)
DIOSCOREA:
"Targionia" hartii (Homoptera)
DIOSPYROS:
Ceratitis capitata (Diptera)
Lepidosaphes conchiformoides (Homoptera)
DISPORUM:
Frankliniella formosae (Thysanoptera)
DOLICHOS:
Maruca testulalis (Lepidoptera)
DRACAENA:
Chrysomphalus nigropunctatus (tentative) (Homoptera)
Lepidosaphes celtis (Homoptera)
Pheidole megacephala (Hymenoptera)
Pinnaspis buxi (Homoptera)
DUDLEYA:
Micrarionta stearnsiana (Mollusca)
Targionia yuccarum (Homoptera)
ECHINODORUS:
Aleurodicus iridescens (Homoptera)
Limax marginatus (Mollusca)
ENCEPHALARTOS:
Cecilioides aperta (?) (Mollusca)
EPIDENDRUM:
Asterolecanium epidendri (Homoptera)
Orthalicus undatus (Mollusca)
Puto mexicanus (Homoptera)
Vinsonia stellifera (Homoptera)
EPIGAEA:
Aulacaspis ericacearum (tentative) (Homoptera)
ERICA:
Trichia hispida (Mollusca)
ERIOBOTRYA:
Ceratitis capitata (Diptera)
EUGENIA:
Anastrepha mombinpraeoptans (Diptera)
Dacus dorsalis (?) (Diptera)
Selenothrips rubrocinctus (Thysanoptera)
EUPHORBIA:
Asterolecanium euphorbiae (Homoptera)
FAGUS:
Adelphocoris lineolatus (Hemiptera)
FICUS:
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Goniogaster variicolor (Hymenoptera)
Helicella pyramidata (Mollusca)
Lepidosaphes ficus (Homoptera)
Pheidole megacephala (Hymenoptera)
Pseudischnaspis bowreyi (Homoptera)
FOENICULUM:
Anuraphis apiifolia (Homoptera)
Systole albipennis (Hymenoptera)
FRAGARIA:
Aleyrodes lonicerae (Homoptera)
Arianta arbustorum (Mollusca)
Ceratoma atrofasciata (Coleoptera)
Membracis mexicana (Homoptera)
"Microporus" nigritus (Hemiptera)
Peritrechus sylvestris (Hemiptera)
Philaenus leucophthalmus (Homoptera)
Rhyparochromus immaculatus (Hemiptera)
Stygnocoris fuligineus (Hemiptera)
GARCINIA:
Akermes andersoni (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
GARDENIA:
Coccus viridis (Homoptera)
Conotelus mexicanus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Frankliniella formosae (Thysanoptera)
Nysius coenosulus (Hemiptera)
Orthezia pseudinsignis (Homoptera)
Pealius hibisci (Homoptera)
Protopulvinaria longivalvata (Homoptera)
P. pyriformis (Homoptera)
Pseudococcus ferrisi (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Thrips flavus (Thysanoptera)
GENTIANA:
Stenoptilia stigmatodactyla (Lepidoptera)
Taeniothrips picipes (Thysanoptera)
GLADIOLUS:
Frankliniella intonsa (Thysanoptera)
Macroscytus brunneus (Hemiptera)
Prodenia litura (Lepidoptera)
GLYCINE:
Trogoderma granarium (Coleoptera)
GLYCYRRHIZA:
Bostrichus capucinus (Coleoptera)
Lyctus africanus (Coleoptera)
GONGORA:
Vinsonia stellifera (Homoptera)
GOSSYPIUM:
Oxycarenus hyalinipennis (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
GRAMINEAE:
Metopoplax ditomoides (Hemiptera)
HEDERA:
Poucasia ovata (Homoptera)
HELICHRYSUM:
Haplothrips gowdeyi (Thysanoptera)
HIBISCUS:
Earias insulana (Lepidoptera)
Haplothrips gowdeyi (Thysanoptera)
Pectinophora gossypiella (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
ILEX:
Rhophobota naevana (Lepidoptera)
IMPATIENS:
Helicella caperata (Mollusca)
IPOMOEA:
Cylas formicarius var. (Coleoptera)
C. formicarius elegantulus (Coleoptera)
C. puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
IPOMOEA (?):
Megacerus alternatus (Coleoptera)
IRIS:
Iridothrips iridis (Thysanoptera)
Limothrips denticornis (Thysanoptera)
ISOTOMA:
Pentalonia nigronervosa (Homoptera)
IXORA:
Coccus viridis (Homoptera)
Pulvinaria psidii (Homoptera)
JACARANDA:
Coptotermes testaceus (Isoptera)
JASMINUM:
Dialeurodes kirkaldyi (Homoptera)
Palpita unionalis (Lepidoptera)
Parlatoria cinerea (Homoptera)
JUGLANS:
Ectomyelois ceratoniae (Lepidoptera)
JUNIPERUS:
Diaspis juniperi (Homoptera)
Limax marginatus (Mollusca)
Oligonychus perditus (Acarina)
Pentamerismus oregonensis (Acarina)
KALANCHOE:
Siphanta acuta (Homoptera)
KENTIA:
Aspidiotus destructor (Homoptera)
A. palmae (Homoptera)
LACTUCA:
Anuraphis cardui (Homoptera)
Arion hortensis (Mollusca)
Autographa gamma (Lepidoptera)
Helicella itala (Mollusca)
Helix aspersa (Mollusca)
Limax marginatus (Mollusca)
Mamestra brassicae (Lepidoptera)
Poecilozonites circumfirmatus (Mollusca)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)
LAGERSTROEMIA:
Pulvinaria psidii (Homoptera)
LATHYRUS:
Bruchus signaticornis (Coleoptera)
B. tristis (Coleoptera)
Conotelus mexicanus (Coleoptera)

Hosts and Insects—Continued

LATHYRUS—Continued
Taeniothrips atratus (Thysanoptera)
LAURUS:
Aleurothrixus myrtacei (Homoptera)
Chrysomphalus paulistus (tentative) (Homoptera)
Helicella conspurcata (Mollusca)
LENS:
Acanthoscelides griseolus (Coleoptera)
Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
B. signaticornis (Coleoptera)
LEUCAENA:
Araecerus levipennis (Coleoptera)
LIGUSTRUM:
Spanioneura fonscolombei (Homoptera)
LILIACEAE:
Trichia hispida (Mollusca)
LILIUM:
Otala vermiculata (Mollusca)
LITCHI:
Frankliniella formosae (Thysanoptera)
Planococcus dorsospinosus (Homoptera)
Pulvinaria psidii (Homoptera)
LUPINUS:
Bruchus tristis (Coleoptera)
LYCASTE:
Vinsonia stellifera (Homoptera)
LYCOPERSICON:
Gnorimoschema gudmannella (Lepidoptera)
Hemitrochus androsi (Mollusca)
Ligyrocoris auriwilliana (Hemiptera)
Neoleucinodes elegantalis (Lepidoptera)
Plecia plagiata (Diptera)
LYCORIS:
Taeniothrips gracilis (Thysanoptera)
MACROZAMIA:
Tranes internatus (Coleoptera)
MALUS:
Argyresthia conjugella (Lepidoptera)
Arion hortensis (Mollusca)
Blastodacna atra (Lepidoptera)
Carposina niponensis (Lepidoptera)
Ceratitis capitata (Diptera)
Glycyphagus michaeli (Acarina)
Grapholitha janthiana (Lepidoptera)
Leucoptera scitella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Tetranychus viennensis (Acarina)
Trichia hispida (Mollusca)
MALVAVISCUS:
Lepidosaphes crotonis (Homoptera)
MANGIFERA:
Adoretus sinicus (Coleoptera)
Anastrepha ludens (Diptera)
A. mombinpraeoptans (Diptera)
Aulacaspis tubercularis (Homoptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Lepidosaphes tubulorum (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Pseudischnaspis longissima (Homoptera)
Sternochetus mangiferae (Coleoptera)
MANIHOT:
Heterotermes convexinotatus (Isoptera)
MARANTA:
Aspidiotus destructor (Homoptera)
MENTHA:
Corythaica carinata (Hemiptera)
Psylla pyri (Homoptera)
Teleonemia scrupulosa (Hemiptera)
MIMOSA:
Gonocerus insidiator (Hemiptera)
MIRABILIS:
Cochlicella barbara (Mollusca)
Helicella maritima (Mollusca)
H. variabilis (Mollusca)
Hygromia cinctella (Mollusca)
MOLUCELLA:
Haplothrips gowdeyi (Thysanoptera)
MONTANOA:
Corythucha mcelfreshi (Hemiptera)
MURRAYA:
Dacus dorsalis (Diptera)
MUSA:
Bulimulus unicolor (Mollusca)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Epitachna borealis var. (Coleoptera)
Metamasius hemipterus sericeus (Coleoptera)
Nasutitermes dendrophilus (Isoptera)
Opogona sacchari (Lepidoptera)
Orthalicus obductus (Mollusca)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Platyceceticus symmicta (Lepidoptera)
Polygyra matermontana (Mollusca)
Porphyrobaphe iostoma (Mollusca)
Pyrgocorypha sallei (Orthoptera)
Veronicella moreleti (Mollusca)
MUSCARI:
Theba pisana (Mollusca)
MYROTHAMNUS:
Sculptaria retisculpta (Mollusca)
MYRTILLOCACTUS:
Opuntiaspis philococcus (Homoptera)
NARCISSUS:
Steneotarsonemus laticeps (Acarina)
Taeniothrips gracilis (Thysanoptera)
T. hawaiiensis (Thysanoptera)
NEOMOOREA:
Pinnaspis buxi (Homoptera)
NERINE:
Haplothrips gowdeyi (Thysanoptera)
NERIUM:
Poecilozonites circumfirmatus (Mollusca)
NOLINA:
Pseudodiaspis yuccae (Homoptera)
ODONTOGLOSSUM:
Asterolecanium epidendri (Homoptera)
OLEA:
Dacus oleae (Diptera)
Euphyllura olivina (Homoptera)
Phloeotribus scarabaeoides (Coleoptera)
Prays oleellus (Lepidoptera)
ONCIDIUM:
Asterolecanium epidendri (Homoptera)
Capaneus tetricus (Hemiptera)
Pseudoparlatoria ostreata (Homoptera)
Tenthecoris vestitus (Hemiptera)
Vinsonia stellifera (Homoptera)
ONOBRYCHIS:
Helicella striata (Mollusca)
H. variabilis (Mollusca)
Monacha carthusiana (Mollusca)
OPERCULINA:
Dendrothripoides ipomeae (Thysanoptera)
Xystrocera globosa (Coleoptera)
OPUNTIA:
Ceratitis capitata (Diptera)
Helicella striata (Mollusca)
ORANIA:
Morganella longispina (Homoptera)
ORBIGNYA:
Asterolecanium simile (Homoptera)
Heterotermes convexinotatus (Isoptera)
ORCHID:
Adoretus sinicus (Coleoptera)
Aeolus pictus (Coleoptera)
Antillocoris punctatus (Hemiptera)
Antiteuchus panamensis (Hemiptera)
Asterolecanium epidendri (Homoptera)
Bathydema socia (Hemiptera)
Capaneus tetricus (Hemiptera)
Cecilioides acicula (Mollusca)
Chondropoma picta(?) (Mollusca)
Chrysomphalus umboniferus (Homoptera)
Conchaspis orchidarum (Homoptera)
Cyphula apicata (Hemiptera)
Dendrocoris variegatus (Hemiptera)
Drymaeus alternans (Mollusca)
D. cuernavacensis (Mollusca)
D. heynemanni (Mollusca)
D. multilineatus Mollusca)
D. rudis (Mollusca)
Eucalymnatus tessellatus (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Eustrophinus marginatus (Coleoptera)
Exptochiomera albomaculata (Hemiptera)
E. confusa (Hemiptera)
Frankliniella williamsi (Thysanoptera)

Hosts and Insects—Continued

ORCHID—Continued
Galgupha guadrisignata (Hemiptera)
Genaparlatoria pseudaspidiotus (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Helicina durangoana(?) (Mollusca)
H. neritella (Mollusca)
H. substriata (Mollusca)
Helix aspersa (Mollusca)
Hemitrochus androsi (Mollusca)
H. streatori (Mollusca)
Heterotermes convexinotatus (Isoptera)
Iridomyrmex inigus (Hymenoptera)
I. pilifer (Hymenoptera)
Jadera sanguinolenta (Hemiptera)
Jenneretia multistriata (Mollusca)
Lamellaxis gracilis (Mollusca)
L. micra (Mollusca)
Largus affinis(?) (Hemiptera)
Limax marginatus (Mollusca)
Malacorhinus foveipennis (Coleoptera)
Monomorium destructor (Hymenoptera)
Mormidea pictiventris (Hemiptera)
Myodocha longicollis (Hemiptera)
Nasutitermes corniger (Isoptera)
N. ephratae (Isoptera)
N. nigriceps (Isoptera)
N. rippertii (Isoptera)
Neolobophora inopinata (Dermaptera)
Nesoccia nigrispina (Orthoptera)
Ogdoecosta guttifera (Coleoptera)
Opeas pyrgula (Mollusca)
Opogona sacchari (Lepidoptera)
Orthalicus decolor (Mollusca)
O. pulchellus protoglyptus (Mollusca)
O. undatus (Mollusca)
Pachybrachius intermedius (Hemiptera)
Paroecanthus annulatus (Orthoptera)
Pheidole megacephala (Hymenoptera)
Pinnaspis buxi (Homoptera)
Polygyra bahamensis (Mollusca)
Praticolella ampla (Mollusca)
Pseudischnaspis alienus (Homoptera)
P. bowreyi (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Pseudophasma cyllarus (Phasmatodea)
Puto mexicanus (Homoptera)
P. uiter (Homoptera)
Radiodiscus proameri (Mollusca)
Reticulitermes flavipes (Isoptera)
Schaxicheila bahamensis (Mollusca)
Stereotydeus mexicanus (Acarina)
Subulina octona (Mollusca)
Tenthecoris angustimarginatus (Hemiptera)
T. confusus (Hemiptera)
T. distinctus (Hemiptera)
T. exitiosus (Hemiptera)
T. venezuelensis (Hemiptera)
Terastria meticulosalis (Lepidoptera)
Vaginulus occidentalis (Mollusca)
Valtissius diversus (Hemiptera)
Vilga dissimilis (Hemiptera)
V. divarigata (Hemiptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)
Zygospila bigenera (Coleoptera)
ORNITHOGALUM:
Blissus diplopterus (Hemiptera)
Diaphone eumela (Lepidoptera)
Epichorista ionephela (Lepidoptera)
Haplothrips gowdeyi (Thysanoptera)
Ozycarenus hyalinipennis (Hemiptera)
ORYZA:
Chilo suppressalis (Lepidoptera)
Frankliniella formosae (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Trogoderma granarium (Coleoptera)
PACHYCEREUS:
Lepidosaphes philococcus (Homoptera)
PALM:
Helix aspersa (Mollusca)
Neocyclotus dysoni cookei (Mollusca)
Pheidole megacephala (Hymenoptera)
Rumina decollata (Mollusca)
Zonitoides arboreus (Mollusca)

PANDANUS:
Ceratitis capitata (?) (Diptera)
Frankliniella formosae (Thysanoptera)
Suidasia medanensis (Acarina)
PASPALUM:
Tetraleurodes graminis (Homoptera)
PELARGONIUM:
Helix aspersa (Mollusca)
Pseudoparlatoria ostreata (Homoptera)
Udea ferrugalis (Lepidoptera)
PEPEROMIA:
Limax marginatus (Mollusca)
Protopulvinaria longivalvata (Homoptera)
PERSEA:
Conotrachelus aguacatae (Coleoptera)
C. perseae (Coleoptera)
Stenoma catenifer (Lepidoptera)
Trialeurodes similis (Homoptera)
Trioza anceps (Homoptera)
PETROSELINUM:
Peritrechus nubilus (Hemiptera)
Plinthisus brevipennis (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Theba pisana (Mollusca)
PHAIUS:
Siphanta acuta (Homoptera)
PHASEOLUS:
Acanthoscelides armitagei (Coleoptera)
A. griseolus (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Apion griseum (Coleoptera)
Callosobruchus analis (Coleoptera)
Cryptophlebia ombrodelta (Lepidoptera)
Epinotia aporema (Lepidoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Matsumuraeses phaseoli (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Tetranychus cinnabarinus (Acarina)
Trogoderma granarium (Coleoptera)
PHILADELPHUS:
Lecanium corni (Homoptera)
PHILODENDRON:
Chrysomphalus tenax (Homoptera)
C. umboniferus (Homoptera)
Coryda nemoraloides (Mollusca)
Eptiochiomera formosa (Hemiptera)
Vaginulus occidentalis (Mollusca)
PHRAGMITES:
Nipponaclerda biwakoensis (Homoptera)
Sclerocona acutellus (Lepidoptera)
PHYSALIS:
Platynota rostrana (Lepidoptera)
PICEA:
Megastigmus strobilobius (Hymenoptera)
PINUS:
Dichocrocis punctiferalis (Lepidoptera)
Heterotermes convexinotatus (Isoptera)
Leucaspis pusilla (Homoptera)
Petrova cristata (Lepidoptera)
Rhyacionia buoliana (Lepidoptera)
PISTACIA:
Megastigmus pistaciae (Hymenoptera)
Schneideria pistaciella (Lepidoptera)
PISUM:
Acanthoscelides armitagei (Coleoptera)
A. griseolus (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Trogoderma granarium (Coleoptera)
PITHECELLOBIUM:
Cryptophlebia ombrodelta (Lepidoptera)
PLEUROTHALIS:
Platynota rostrana (Lepidoptera)
PLUMERIA:
Coccus viridis (Homoptera)
Conotelus mexicanus (Coleoptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
POLIANTHES:
Coccus viridis (Homoptera)

Hosts and Insects—Continued

POLIANTHES—Continued
Haplothrips gowdeyi (Thysanoptera)
POLYPODIUM:
Ceroplastes rubens (Homoptera)
PORTULACA:
Haplothrips clarisetis(?) (Thysanoptera)
PRIMULA:
Trichia striolata (Mollusca)
PROSOPIS:
Ofatulena duodecimstriata (Lepidoptera)
PROTEA:
Homothrips distinctus (Thysanoptera)
Selenaspidus sibvaticus (Homoptera)
PRUNUS AMYGDALUS:
Ectomyelois ceratoniae (Lepidoptera)
PRUNUS ARMENIACA:
Blissus diplopterus (Hemiptera)
PRUNUS DOMESTICA:
Aspidiotus destructor (Homoptera)
Ceratitis capitata (Diptera)
Graphotitha funebrana (Lepidoptera)
PRUNUS PERSICA:
Ceratitis capitata (Diptera)
Clysiana ambiguella (Lepidoptera)
PRUNUS PERSICA VAR. NECTARINA:
Ceratitis capitata (Diptera)
Loxostege amitina (Lepidoptera)
PRUNUS SP. (cherry):
Rhagoletis cerasi (Diptera)
PRUNUS SP.:
Alsophila membranaria (Lepidoptera)
Kuwanina parva (Homoptera)
PSIDIUM:
Anastrepha mombinpraeoptans (Diptera)
A. suspensa (Diptera)
Argyresthia eugeniella (Lepidoptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Pseudococcus lilacinus (Homoptera)
PUNICA:
Cacoecimorpha pronubana (Lepidoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Forficula aetolica (Dermaptera)
Oxycarenus hyalinipennis (Hemiptera)
PYRUS:
Anastrepha ludens (Diptera)
Carposina niponensis (Lepidoptera)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
QUERCUS:
Curculio elephas (Coleoptera)
RAPHANUS:
Phytomyza rufipes (Diptera)
RHIZOPHORA:
Trogoderma granarium (Coleoptera)
RHODODENDRON:
Arge similis (Hymenoptera)
Dialeurodes chittendeni (Homoptera)
Drosicha howardi (tentative) (Homoptera)
Gracilaria azaleella (Lepidoptera)
Lygus rugulipennis (Hemiptera)
Phenacoccus rotundus (tentative) (Homoptera)
Taeniothrips picipes (Thysanoptera)
RIBES:
Lecanium corni (Homoptera)
ROSA:
Acronicta psi (Lepidoptera)
Ardis sulcata (Hymenoptera)
Arge ochropa (Hymenoptera)
Calocoris hispanicus (Hemiptera)
Cladius pectinicornis (Hymenoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. sulphurea (Thysanoptera)
Helicella maritima (Mollusca)
H. striata (Mollusca)
Limax flavus (Mollusca)
Myzaphis turanica (Homoptera)
Myzus ascalonicus (Homoptera)
Papillifera cinera (Mollusca)
Taeniothrips atratus (Thysanoptera)
Theba pisana (Mollusca)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Trichia hispida (Mollusca)
ROSACEAE:
Ceratitis capitata (Diptera)
ROSMARINUS:
Helix aperta (Mollusca)
Theba pisana (Mollusca)
RUBUS:
Asterobemisia carpini (Homoptera)
Retinella hammonis (Mollusca)
SACCHARUM:
Chilo loftini (Lepidoptera)
Diatraea magnifactella (Lepidoptera)
Opogona sacchari (Lepidoptera)
"Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)
SAINTPAULIA:
Zonitoides arboreus (Mollusca)
SAMANEA:
Cryptophlebia ombrodelta (Lepidoptera)
Pheidole megacephala (Hymenoptera)
SCHINUS:
Coccus viridis (Homoptera)
SELAGINELLA:
Drymaeus hepatostomus(?) (Mollusca)
SESBANIA:
Acanthoscelides griseolus (Coleoptera)
Lampides boeticus (Lepidoptera)
Maruca testualis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
SOBRALIA:
Chrysomphalus umboniferus (Homoptera)
SOIL:
Arianta arbustorum (Mollusca)
Arion circumscriptus (Mollusca)
A. hortensis (Mollusca)
Capillifera plebeia (Mollusca)
Ceciliodes acicula (Mollusca)
Cladius pectinicornis (Hymenoptera)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Frankliniella intonsa (Thysanoptera)
Helicella candidula (Mollusca)
H. conspurcata (Mollusca)
H. striata (Mollusca)
Lamellaxis gracilis (Mollusca)
Leucaspis pusilla (Homoptera)
Macrodema microptenum (Hemiptera)
Ovatus crataegarius (Homoptera)
Papillifera papillaris (Mollusca)
Pheidole megacephala (Hymenoptera)
Poecilozonites bermudensis(?) (Mollusca)
P. circumfirmatus (Mollusca)
Radiodiscus proameri (Mollusca)
Rumina decollata (Mollusca)
Subulina octona (Mollusca)
Thrips flavus (Thysanoptera)
Trichia hispida (Mollusca)
Zonitoides arboreus (Mollusca)
SOLANUM MELONGENA:
Exptochiomera confusa (Hemiptera)
Leucinodes orbonalis (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
SOLANUM QUITOENSE:
Neoleucinodes elegantalis (Lepidoptera)
SOLANUM TUBEROSUM:
Gnorimoschema plaesiosema (Lepidoptera)
Theba pisana (Mollusca)
SORBUS:
Argyresthia conjugella (Lepidoptera)
Cenopalpus pulcher (Acarina)
Ceratitis capitata (Diptera)
Opisthograptis luteolata (Lepidoptera)
SORGHUM:
Ostrinia nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
S. nonagrioides (Lepidoptera)
SPATHIPHYLLUM:
Pinnaspis buxi (Homoptera)
SPINACIA:
Conotelus mexicanus (Coleoptera)
SPONDIAS:
Anastrepha mombinpraeoptans (Diptera)
Aspidiotus diffinis (Homoptera)
A. herculeanus (Homoptera)
Chrysomphalus calurus (Homoptera)

Hosts and Insects—Continued

STIPA:
Helicella pyramidata (Mollusca)
H. strigata (Mollusca)
Limothrips consimilis (Thysanoptera)
STRELITZIA:
Pheidole megacephala (Hymenoptera)
STRONGYLODON:
Maruca testulalis (Lepidoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
SYRINGA:
Adoxophyes reticulana (Lepidoptera)
Rhynchaenus populi (Coleoptera)
TAMARINDUS:
Caryedon gonagra (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
TERMINALIA:
Anastrepha mombinpraeoptans (Diptera)
Aspidiotus destructor (Homoptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trogoderma granarium (Coleoptera)
THEOBROMA:
Rhipiphorothrips pulchellus (Thysanoptera)
Selenothrips rubrocinctus (Thysanoptera)
THUJA:
Diaspis juniperi (Homoptera)
THYMUS:
Helicella maritima (Mollusca)
TILLANDSIA:
Ozophora consanguineus (Hemiptera)
TRICHOPILIA:
Aspidiotus palmae (Homoptera)
TRIPHASIA:
Coccus viridis (Homoptera)
TRITICUM:
Eurygaster integriceps (Hemiptera)
Forficula decipiens (Dermaptera)
Trogoderma granarium (Coleoptera)
TROPAEOLUM:
Trichia hispida (Mollusca)
TULIPA:
Monomorium destructor (Hymenoptera)
Phitia febrilis (Diptera)

VANDA:
Conotelus mexicanus (Coleoptera)
Dichromothrips corbetti (Thysanoptera)
Epitranus lacteipennis (Hymenoptera);
Genaparlatoria pseudaspidiotus (Homoptera)
Nysius kingbergi (Hemiptera)
Plusia chalcites (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
VICIA:
Bruchus dentipes (Coleoptera)
B. signaticornis (Coleoptera)
Helicella pyramidata (Mollusca)
VIGNA:
Fundella pellucens (Lepidoptera)
VIOLA:
Myzus ascalonicus (Homoptera)
VITIS:
Ceratitis capitata (Diptera)
Clysiana ambiguella (Lepidoptera)
Cryptoblabes gnidiella (Lepidoptera)
Dichelops furcatus (Hemiptera)
Lobesia botrana (Lepidoptera)
Sciocoris fuscosparsus (Hemiptera)
YUCCA:
Chrysomphalus agavis (Homoptera)
Nasutitermes ephratae (Isoptera)
Pseudodiaspis yuccae (Homoptera)
ZANTEDESCHIA:
Frankliniella panamensis (Thysanoptera)
ZEA:
Frankliniella williamsi (Thysanoptera)
Moodna bistriuella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Pagiocerus frontalis (Coleoptera)
Trogoderma granarium (Coleoptera)
Zeadiatraea lineolata (Lepidoptera)
ZINGIBER:
Bradybaena similaris (Mollusca)
"Targionia" hartii (Homoptera)
ZINNIA:
Conotelus mexicanus (Coleoptera)
ZIZYPHUS:
Platynota rostrana (Lepidoptera)

Hosts Unknown

AIRPLANE:
Achaea janata (Lepidoptera)
Adoretus sinicus (Coleoptera)
Ancognatha scarabaeoides (Coleoptera)
Anthela ocellata(?)(Lepidoptera)
Arge pleuritica (Hymenoptera)
Austrotortrix postvittana (Lepidoptera)
Bibio marci (Diptera)
Blosyris scops (Lepidoptera)
Brachybaenus ablutus (Orthoptera)
Characoma albualis(?)(Lepidoptera)
Chilo zonellus (Lepidoptera)
Chlorotettix tethys (Homoptera)
Conchylodes bryophilalis (Lepidoptera)
Conocephalus longipennis (Orthoptera)
Crocidophora sinisalis (Lepidoptera)
Deloyala guttata (Coleoptera)
Dolerus anthracinus (Hymenoptera)
Elaphidion conspersum (Coleoptera)
Euxoa bilitura (Lepidoptera)
Geotomus pygmaeus (Hemiptera)
Hippotion echeclus (Lepidoptera)
Leucania irregularis (Lepidoptera)
Liogenys macropelma (Coleoptera)
Megachile concinna (Hymenoptera)
Melolontha melolontha (Coleoptera)
Mesapamea secalis (?)(Lepidoptera)
Mesovelia orientalis (Hemiptera)
Mumetopia nigrimana (Diptera)
Nanaguna breviuscula (Lepidoptera)
Nephotettix apicalis (Homoptera)
Nomophila noctuella (Lepidoptera)
Nysius coenosulus (Hemiptera)
Oechalia schellenbergi (Hemiptera)
Ortholomus jamaicensis (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Pachybrachius nietneri (Hemiptera)
Pagyda salvalis (Lepidoptera)
Paragonatas divergens (Hemiptera)
Paraponyx fluctuosalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Prodenia litura (Lepidoptera)
Schoenobius incertulas (Lepidoptera)
Sesamia inferens (Lepidoptera)
Synrias diffundens (Lepidoptera)
Talurus rugosus (Coleoptera)
AQUATIC PLANT:
Paulinia acuminata (Orthoptera)
Symphylus ramivittata (Hemiptera)
AUTOMOBILE:
Dysdercus mimulus (Hemiptera)
Helicella variabilis (Mollusca)
Heliz aspersa (Mollusca)
Ligyrocoris nitidicollis (Hemiptera)
Lygaeus teapensis (Hemiptera)
Onthophagus taurus (Coleoptera)
Ozophora consanguineus (Hemiptera)
Pyrgocorypha sallei (Orthoptera)
Reticulitermes flavipes (Isoptera)
Theba pisana (Mollusca)
BAGGAGE:
Achatina fulica (Mollusca)
Adoretus sinicus (Coleoptera)
Clerada apicicornis (Hemiptera)
Forficula senegalensis (Dermaptera)
Geotomus pygmaeus (Hemiptera)
Helicella variabilis (Mollusca)
Heliz aspersa (Mollusca)
H. cincta (Mollusca)
Nasutitermes rippertii (Isoptera)
Orthalicus undatus jamaicensis (Mollusca)
Otala vermiculata (Mollusca)
Rhaphigaster nebulosa (Hemiptera)
Sesamia nonagrioides (Lepidoptera)
Theba pisana (Mollusca)
Zachrysia guanensis (Mollusca)

Hosts Unknown—Continued

BAGGING:
Caryedon gonagra (Coleoptera)
Trogoderma granarium (Coleoptera)
BARK:
Pityogenes chalcographus (Coleoptera)
BULB:
Cecilioides acicula (Mollusca)
Odonaspis saccharicaulis (Homoptera)
CARGO:
Archachatina marginata (Mollusca)
Chilo suppressalis (Lepidoptera)
Coryzorhaphis cruciata (Hemiptera)
Deilephila nerii (Lepidoptera)
Dysdercus mimus(?) (Hemiptera)
Helicella variabilis (Mollusca)
Hoterodes ausonia (Lepidoptera)
Lyctus brunneus (Coleoptera)
Lygaeus cruentatus (Hemiptera)
L. modestus (Hemiptera)
Megasoma elephas (Coleoptera)
Membracis mexicana (Homoptera)
Nasutitermes mexicanus (Isoptera)
Neoclytus acuminatus (Coleoptera)
Otala lactea (Mollusca)
Pachybrachius albocinctus (Hemiptera)
Rhynchophorus palmarum (Coleoptera)
Sirex juvencus (Hymenoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
Tropidacris latreillei (Orthoptera)
CONIFER:
Blastophagus piniperda (Coleoptera)
DEBRIS:
Nasutitermes ephratae (Isoptera)
Penichroa fasciata (Coleoptera)
Potosi opaca (Coleoptera)
Trogoderma granarium (Coleoptera)
DUNNAGE:
Plagionotus arcuatus (Coleoptera)
FERN:
Pheidole megacephala (Hymenoptera)
FISH MEAL:
Ochterus marginatus (Hemiptera)
FLOWERS:
Adoretus sinicus (Coleoptera)
Corythaica cyathicollis (Hemiptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. tenuicornis (Thysanoptera)
Haplothrips aculeatus (Thysanoptera)
H. gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Oulema gallaeciana (Coleoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Prodenia litura (Lepidoptera)
Selenothrips rubrocinctus (Thysanoptera)
Spanioneura fonscolombei (Homoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. imaginis (Thysanoptera)
T. major (Thysanoptera)
Xiphidiopsis lita (Orthoptera)
FOOD:
Monomorium destructor (Hymenoptera)
Nasutitermes exitiosus (Isoptera)
Pheidole megacephala (Hymenoptera)
FRUIT—UNIDENTIFIED:
Aspidiotus herculeanus (Homoptera)
Peritrechus nubilus (Hemiptera)
GRAIN:
Trogoderma granarium (Coleoptera)
GRASS:
Clerada apicicornis (Hemiptera)
HERB:
Corythaica carinata (Hemiptera)
Helicella caperata (Mollusca)
Lamellaxis gracilis (Mollusca)
Theba pisana (Mollusca)
KARAYA GUM:
Trogoderma granarium (Coleoptera)
LEAF—UNIDENTIFIED:
Arion ater (Mollusca)
Chrysomphalus personatus (Homoptera)
Pheidole megacephala (Hymenoptera)
Selenothrips rubrocinctus (Thysanoptera)
Xiphidiopsis lita (Orthoptera)
LEGUME:
Acanthoscelides spinipes (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
LOG:
Megacyllene spinifera (Coleoptera)
MAIL:
Helix leucorum (Mollusca)
H. pomatia (Mollusca)
Monomorium destructor (Hymenoptera)
MILITARY CARGO:
Achatina fulica (Mollusca)
Anacridium aegyptium (Orthoptera)
Bulimulus fraterculus (Mollusca)
Cepaea nemoralis (Mollusca)
Clausilia lineolata (?) (Mollusca)
Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
C. ventrosa (Mollusca)
Helicella cespitum (Mollusca)
H. conspurcata (Mollusca)
H. derbentina (Mollusca)
H. maritima (Mollusca)
H. neglecta (Mollusca)
H. protea (Mollusca)
H. pyramidata (Mollusca)
H. striata (Mollusca)
H. variabilis (Mollusca)
H. virgata (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Hygromia cinctella (Mollusca)
Kalotermes snyderi (Isoptera)
Lygaeus superbus (Hemiptera)
Monacha olivieri (Mollusca)
Otala lactea (Mollusca)
O. vermiculata (Mollusca)
Phalacropteriz apiformis (Lepidoptera)
Pieris brassicae (Lepidoptera)
Subulina octona (Mollusca)
Theba pisana (Mollusca)
T. planata (Mollusca)
Trichia hispida (Mollusca)
MOLLUSK:
Theba pisana (Mollusca)
NURSERY STOCK:
Frankliniella intonsa (Thysanoptera)
Limothrips denticornis (Thysanoptera)
Orthops kalmi (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
MOSS:
Plinthisus putoni (Hemiptera)
PACKING:
Haplothrips aculeatus (Thysanoptera)
PAPER:
Cryptotermes brevis (Isoptera)
PLANT—UNIDENTIFIED:
Bradybaena similaris (Mollusca)
Cryphula apicata (Hemiptera)
Dendrocoris variegatus (Hemiptera)
Monacha cantiana (Mollusca)
Monophadnoides alternipes (Hymenoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Retinella hammonis (Mollusca)
Stereotydeus mexicanus (Acarina)
Trichia hispida (Mollusca)
PLANT MATERIAL:
Cacoecimorpha pronubana (Lepidoptera)
Haplothrips aculeatus (Thysanoptera)
Limothrips denticornis (Thysanoptera)
Theba pisana (Mollusca)
QUARTERS:
Amphimallon majalis (Coleoptera)
Dyscinetus frater (Coleoptera)
D. laevipunctatus (Coleoptera)
Megalotomus rufipes (Hemiptera)
Otala lactea (Mollusca)

Hosts Unknown—Continued

QUARTERS—Continued
Otosema odorata (Lepidoptera)
Tropidacris cristata (Orthoptera)
RAILWAY CAR:
Dysdercus nimulus (Hemiptera)
D. obliquus (?) (Hemiptera)
Reticulitermes flavipes (Isoptera)
ROOTS—UNIDENTIFIED:
Chondrula pupa (?) (Mollusca)
STORES:
Acanthoscelides armitagei (?) (Coleoptera)
Acrolepia assectella (Lepidoptera)
Caryedon gonagra (Coleoptera)
Gnorimoschema ocellatella (Lepidoptera)
Helix aspersa (Mollusca)
H. pomatia (Mollusca)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
STRAW:
Harmolita ips (Hymenoptera)
Pyrrhocoris apterus (Hemiptera)
SUCCULENT:
Cardiophorus histrio (Coleoptera)
Contigaspis indogoferae (Homoptera)
TWIG—UNIDENTIFIED:
Lecanium rufulum (Homoptera)
WOOD:
Callidium rufipenne (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Lyctus africanus (Coleoptera)
Minthea rugicollis (Coleoptera)
Nothorhina muricata (Coleoptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
Xylopsocus capucinus (Coleoptera

Countries of Origin and Insects

AFGHANISTAN:
Megastigmus pistaciae
AFRICA (country(?)):
Deilephila nerii
Forficula senegalensis
ALGERIA:
Helix aspersa
H. pomatia
Parlatoria zizyphus
AMERICAN SAMOA:
Frankliniella formosae
Pentalonia nigronervosa
Pheidole megacephala
Unaspis citri
AMERICAN VIRGIN ISLANDS:
Aspidiotus destructor
Lepidosaphes tokionis
Parlatoria crotonis
Vinsonia stellifera
ANGOLA:
Maruca testulalis
ANTIGUA:
Corythaica cyathicollis
Cylas formicarius elegantulus
Ortholomus jamaicensis
Pectinophora gossypiella
Pheidole megacephala
Vinsonia stellifera
ARGENTINA:
Brevipalpus obovatus
Ceratitis capitata
Chrysomphalus paulistus (tentative)
C. personatus
Ctenoglyphus plumiger
Dichelops furcatus
Laspeyresia araucaria
Megacyllene spinifera
Parlatoria cinerea
Pseudaonidia trilobitiformis
Unaspis citri
ARUBA:
Lamellaxis gracilis
Zonitoides arboreus
AUSTRALIA:
Anthela ocellata
Frankliniella schultzei
Haplothrips gowdeyi
Lecanium persicae (tentative)
Nasutitermes exitiosus
Taeniothrips hawaiiensis
Thrips imaginis
Tranes internatus
Trichia hispida
Unaspis yanonensis
AUSTRIA:
Helix pomatia
Trichia striolata
AZORES:
Bruchus tristis
Ceciloides acicula
Ceratitis capitata
Cochlicella ventrosa
Ectomyelois ceratoniae
Helicella striata
Helix aspersa
Limax marginatus
Milax gagates
Opogona sacchari
Onthophagus taurus
Oxychilus alliarius
Pieris brassicae
Plinthisus brevipennis
Sesamia nonagrioides
"Targionia" bromiliae
Theba pisana
BAHAMAS:
Aspidiotus destructor
Ectomyelois ceratoniae
Hemitrochus androsi
Monomorium destructor
Nasutitermes rippertii
Ogdoecosta guttifera
Polygyra bahamensis
Protopulvinaria pyriformis
Schaschella bahamensis
Vinsonia stellifera
Zeadiatraea lineolata
BARBADOS:
Anastrepha mombinpraeoptans
Corythaica carinata
Fectinophora gossypiella
Trionymus sacchari
BELGIUM:
Gracilaria azaleella
Pieris brassicae
Trichia hispida
Trogoderma granarium
BERMUDA:
Bradybaena similaris
Cochlicella ventrosa
Otala vermiculata
Pectinophora gossypiella
Pheidole megacephala
Poecilozonites bermudensis(?)
P. circumfirmatus
Rumina decollata
BOLIVIA:
Oxycarenus hyalinipennis
Pseudoparlatoria ostreata
BRAZIL:
Aspidiotus mendax
Asterolecanium epidendri
Ceratitis capitata
Cerconota anonella
Chrysomphalus personatus
Coccus alpinus
Coptotermes testaceus
Eurytoma orchidearum
Euscepes postfasciatus
Heterotermes convexinotatus
Laspeyresia araucaria
Leucoptera coffeella
Maruca testulalis
Nasutitermes corniger
Neoleucinodes elegantalis
Parlatoria cinerea
Pheidole megacephala
Pseudaonidia trilobitiformis
Pseudoparlatoria turgida
Rhyacionia buoliana
Stephanoderes hampei
BRITISH GUIANA:
Parlatoria zizyphus
Vinsonia stellifera
BRITISH HONDURAS:
Aleurothrixus myrtacei
Anastrepha mombinpraeoptans
Asterolecanium simile
Cecilicides acicula
Cryphula apicata
Heterotermes convexinotatus
Largus affinis(?)
Mormidea pictiventris
Nasutitermes nigriceps
Nesoecia nigrispina
Opeas pyrgula
Pheidole megacephala
Pseudischnaspis alienus
Stenoma catenifer
Subulina octona
Tenthecoris confusus
Vinsonia stellifera
CANADA:
Agonopterix costosa
Lecanium corni
Taeniothrips ericae
Zonitoides arboreus
CANAL ZONE:
Ancylostomia stercorea
Chrysomphalus umboniferus
Cryphula apicata
Exptochiomera tumens
Lepidosaphes tokionis
Nasutitermes corniger
N. ephratae
Orthalicus undatus
Pinnaspis buxi
Pseudischnaspis alienus
Unaspis citri
Vaginulus occidentalis
Vilga dissimilis

Countries of Origin and Insects—Continued

CANAL ZONE—Continued
V. divarigata
Vinsonia stellifera
CAPE VERDE ISLANDS:
Opogona sacchari
CAYMAN ISLANDS:
Aspidiotus destructor
Helicina substriata
Hemitrochus streatori
Pachybrachius intermedius
Pectinophora gossypiella
CEYLON:
Heterobostrychus aequalis
Minthea rugicollis
Sinoxylon conigerum
Trogoderma granarium
CHILE:
Loxostege amitina
Pseudococcus gahani
CHINA:
Parlatoria zizyphus
Planococcus dorsospinosus
Trogoderma granarium
COLOMBIA:
Acanthoscelides armitagei
Ancognatha scarabaeoides
Eurytoma orchidearum
Frankliniella panamensis
Gymnandrosoma aurantianum
Iridomyrmex pilifer
Limax marginatus
Lyctus brunneus
Minthea rugicollis
Neoleucinodes elegantalis
Stenoma catenifer
Subulina octona
Vaginulus occidentalis
COSTA RICA:
Acentroptera nevermanni
Anastrepha mombinpraeoptans
Aspidiotus destructor
A. excisus
A. palmae
Asterolecanium epidendri
Chrysomphalus nigropunctatus (tentative)
C. personatus
C. umboniferus
Conchylodes bryophilalis
Drymaeus alternans
Limax marginatus
Membracis mexicana
Pachybrachius albocinctus
Protopulvinaria longivalvata
Pseudischnaspis alienus
Pseudoparlatoria ostreata
Stenoma catenifer
Unaspis citri
Valtissius diversus
Zonitoides arboreus
CUBA:
Aonidiella comperei
Asterolecanium epidendri
A. miliaris miliaris
Chondropoma picta(?)
Cryptocephalus marginicollis
Cylas formicarius elegantulus
Helicella caperata
Jenneretia multistriata
Kalotermes snyderi
Lamellaxis gracilis
Lepidosaphes crotonis
Odonaspis saccharicaulis
Pectinophora gossypiella
Pheidole megacephala
Protopulvinaria pyriformis
"Targionia" hartii
Theba pisana
Trionymus sacchari
Zachrysia guanensis
CURACAO:
Anastrepha mombinpraeoptans
CYPRUS:
Ceratitis capitata
Dacus oleae
CZECHOSLOVAKIA:
Baris lepidii
Graphoitha funebrana
Laspeyresia splendana
Limothrips denticornis
Rhagoletis cerasi
DENMARK:
Acrolepia assectella
Cladius pectinicornis
Haplothrips aculeatus
Megastigmus strobilobius
Phytomyza rufipes
Thrips major
DOMINICA:
Eucalymnatus tessellatus
Vinsonia stellifera
DOMINICAN REPUBLIC:
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Clerada apicicornis
Cylas formicarius elegantulus
Deloyala guttata
Elaphidion conspersum
Maruca testulalis
Megachile concinna
Mimosestes sallaei
Nasutitermes ephratae
Ozophora quinquemaculata
Pectinophora gossypiella
Pentalonia nigronervosa
Selenothrips rubrocinctus
Talponia batesi
EAST AFRICA:
Opogona sacchari
ECUADOR:
Acanthoscelides armitagei
Aleurocanthus woglumi
Ancylostomia stercorea
Asterolecanium epidendri
Bathydema socia
Dysdercus mimus(?)
Epilachna borealis var.
Hoterodes ausonia
Lygaeus cruentatus
L. modestus
Metamasius hemipterus sericeus
Monomorium destructor
Nasutitermes dendrophilus
Pagiocerus fiorii
Platoeceticus symmicta
Porphyrobaphe iostoma
Rhynchophorus palmarum
Stenoma catenifer
Tropidacris cristata
T. latreillei
EL SALVADOR:
Anastrepha mombinpraeoptans
A. serpentina
Ancylostomia stercorea
Aspidiotus herculeanus
Aulacaspis tubercularis
Chrysomphalus umboniferus
Pseudischnaspis alienus
P. longissima
Protopulvinaria pyriformis
Stenoma catenifer
Unaspis citri
Vaginulus occidentalis (?)
Zonitoides arboreus
ENGLAND:
Adelphocoris lineolatus
Argyresthia conjugella
Arion hortensis
Bruchus ervi
Cladius pectinicornis
Dialeurodes chittendeni
Eriophyes canestrinii
Frankliniella intonsa
Helicella caperata
Iridothrips iridis
Laspeyresia nigricana
Leucoptera scitella
Lobesia botrana
Lygus rugulipennis
Macrodema microptenum
Milax gagates
Myzus ascalonicus
Orthotylus ericetorum

Countries of Origin and Insects—Continued

ENGLAND—Continued
Phytomyza rufipes
Rhinocola ericae
Spanioneura fonscolombei
Steneotarsonemus laticeps
Taeniothrips atratus
T. dianthi
T. picipes
Thrips angusticeps
T. flavus
T. major
Trichia hispida
T. striolata
Trogoderma granarium
Udea ferrugalis
ENIWETOK:
Furcaspis oceanica
ETHIOPIA:
Ceratitis capitata (?)
C. colae
Cryptophlebia leucotreta
Goniogaster variicolor
FEDERATION OF MALAYA:
Monomorium destructor
FIJI:
Coccus viridis
Morganella longispina
Pheidole megacephala
Pulvinaria psidii
Trionymus sacchari
FINLAND:
Taeniothrips atratus
FORMOSA:
Antonina graminis
Aulacaspis tuberculariis
Frankliniella formosae
Genaparlatoria pseudaspidiotus
Haplothrips gowdeyi
Parlatoria zizyphus
Prodenia litura
Tetraleurodes graminis
Trogoderma granarium
FRANCE:
Acrolepia assectella
Aleyrodes lonicerae
Arion ater
A. hortensis
Asterobemisia carpini
Autographa gamma
Bibio marci
Bruchidius lividimanus
Cacoecimorpha pronubana
Calocoris hispanicus
Cepaea nemoralis
Clausilia lineolata (?)
Cochlicella barbara
Cryptoblabes gnidiella
Curculio nucum
Diaspis minima
Dolerus anthracinus
Evergestis forficalis
Forficula decipiens
Frankliniella intonsa
Gonocerus insidiator
Harmolita ips
Helicella maritima
H. striata
H. variabilis
Helix aspersa
Hygromia cinctella
Laspeyresia splendana
Mamestra brassicae
Melolontha melolontha
"*Microporus*" *nigritus*
Myzus ascalonicus
Otala lactea
Ovatus crataegarius
Palpita unionalis
Parlataria zizyphus
Peritrechus sylvestris
Philaenus leucophthalmus
Pseudococcus gahani
Psylla melanoneura (?)
Retinella hammonis
Rhagoletis cerasi
Rhyparochromus immaculatus
Sesamia cretica
Stygnocoris fuligineus
Theba pisana
Thrips flavus
Trichia hispida
Trogoderma granarium
Udea ferrugalis
Vitrina diaphana
Zonitoides arboreus
FRANCE(?):
Arge pleuritica
FRENCH POLYNESIA:
Parlatoria crotonis
GERMANY:
Ardis sulcata
Arianta arbustorum
Arion circumscriptus
A. hortensis
Aspidiotus palmae
Cecilioides acicula
Cladius pectinicornis
Dialeurodes chittendeni
Evergestis forficalis
Frankliniella intonsa
Helix aperta
Lecanium corni
Lygus rugulipennis
Mamestra brassicae
Monacha cantiana
Myzus ascalonicus
Pieris brassicae
Pityogenes chalcographus
Retinella hammonis
Rhagoletis cerasi
Rhinocola ericae
Taeniothrips atratus
Thrips flavus
Trichia hispida
Zonitoides arboreus
GREECE:
Acanthoscelides spinipes
Bruchus ervi
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Ectomyelois ceratoniae
Forficula aetolica
Helicella maritima
H. pyramidata
H. striata
Helix aspersa
H. cincta
Laspeyresia splendana
Limax flavus
Otala vermiculata
Pyrrhocoris apterus
Schneidereria pistaciella
Sesamia cretica
Trogoderma granarium
GRENADA:
Maruca testulalis
GUADELOUPE:
Haplothrips gowdeyi
Selenothrips rubrocinctus
GUAM:
Agonoxena pyrogramma
Anabalius amplicollis
Dacus dorsalis
Parlatoria zizyphus
Pentalonia nigronervosa
Pseudococcus palmarum
GUATEMALA:
Anastrepha ludens
A. mombinpraeoptans
Aspidiotus palmae
Chrysomphalus calurus
C. umboniferus
Cleistolophus similis
Cryphula apicata
Drymaeus alternans
Exptochiomera albomaculata
Heleretermes convexinotatus
Iridomyrmex iniquus
Neocyclotus dysoni cookei

Countries of Origin **and** *Insects*—Continued

GUATEMALA—Continued
Neolobophora inopinata
Orthalicus decolor
Platoeceticus symmicta
Pseudoparlatoria ostreata
Puto ulter
Selenothrips rubrocinctus
Tenthecoris vestitus
Zeadiatraea lineolata
Zonitoides arboreus
HAITI:
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Corythaica carinata
Haplothrips gowdeyi
Helix aspersa
Mimosestes sallaei
Pectinophora gossypiella
Platynota rostrana
Vaginulus occidentalis (?)
HAITI(?):
Cylas formicarius elegantulus
HAWAII:
Achaea janata
Achatina fulica
Adoretus sinicus
Apomecyna saltator
Araecerus levipennis
Asterolecanium pseudomiliaris
Bradybaena similaris
Ceratitis capitata
Ceroplastes rubens
Clerada apicicornis
Coccus viridis
Conoderus exsul
Conotelus mexicanus
Cryptophlebia ombrodelta
Cryptotermes brevis
Dacus dorsalis
Dendrothripoides ipomeae
Dialeurodes kirkaldyi
Dichromothrips corbetti
Diocalandra taitensis
Ectomyelois ceratoniae
Epitranus lacteipennis
Eurytoma orchidearum
Euscepes postfasciatus
Genaparlatoria pseudaspidiotus
Geotomus pygmaeus
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Megacerus alternatus
Monomorium destructor
Nysius coenosulus
N. kingbergi
Parlatoria crotonis
P. zizyphus
Pealius hibisci
Pectinophora gossypiella
Pentalonia nigronervosa
Pheidole megacephala
Pinnaspis buxi
P. uniloba
Plusia chalcites
Pseudococcus palmarum
Pulvinaria psidii
Selenothrips rubrocinctus
Siphanta acuta
Spodoptera mauritia acronyctoides
Sternochetus mangiferae
Taeniothrips hawaiiensis
T. vitticornis
Xiphidiopsis lita
Xystrocera globosa
HONDURAS:
Aeolus pictus
Anastrepha mombinpraeoptans
Antiteuchus panamensis
Bulimulus unicolor
Cerconota anonella
Chrysomphalus umboniferus
Coryzorhaphis cruciata
Cryphula apicata
Drymaeus alternans
Galgupha quadrisignata
Malacorhinus foveipennis
Nasutitermes corniger
N. ephratae
Orthalicus obductus
Paroecanthus annulatus
Pentalonia nigronervosa
Pheidole megacephala
Stenoma catenifer
Subulina octona
Veronicella moreleti
Vilga dissimilis
Vinsonia stellifera
Zygospila bigenera
HONG KONG:
Frankliniella formosae
Lepidosaphes tuberculata
Monomorium destructor
Parlatoria zizyphus
Taeniothrips gracilis
"Targionia" hartii
Trogoderma granarium
Unaspis yanonensis
HUNGARY:
Grapholitha janthiana
ICELAND:
Frankliniella intonsa
Haplothrips aculeatus
Taeniothrips atratus
INDIA:
Callosobruchus analis
Caryedon gonagra
Lyctus africanus
Minthea rugicollis
Monomorium destructor
Pectinophora gossypiella
Sinoxylon anale
S. conigerum
Trionymus sacchari
Trogoderma granarium
INDONESIA:
Heterobostrychus aequalis
Morganella longispina
Pulvinaria psidii
Trogoderma granarium
Xylopsocus capucinus
IRAN:
Cecilioides acicula
Parlatoria zizyphus
Trogoderma granarium
IRELAND:
Arion hortensis
Mesapamea secalis(?)
Rhinocola ericae
Steneotarsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips flavus
Trichia hispida
T. striolata
ISRAEL:
Ceratitis capitata
Cryptoblabes gnidiella
Eurygaster integriceps
Frankliniella intonsa
Macrosciytus brunneus
Myzaphis turanica
Oxycarenus hyalinipennis
Prodenia litura
Taeniothrips discolor (tentative)
Theba pisana
ITALY:
Acrolepia assectella
Anacridium aegyptium
Anuraphis apiifolia
A. cardui
Arion ater
Brachycerus albidentatus
Bruchus dentipes
B. ervi
B. lentis
B. signaticornis
B. tristis
Cacoecimorpha pronubana
Capillifera plebeia

Countries of Origin and Insects—Continued

ITALY—Continued
Cecilioides acicula
Cenopalpus pulcher
Ceratitis capitata
Ceutorhynchus pleurostigma
Chondrula pupa(?)
Clysiana ambiguella
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dacus oleae
Diaspis minima
Ectomyelois ceratoniae
E. phoenicis(?)
Ephestia calidella
Euphyllura olivina
Exergestis forficalis
Gnorimoschema ocellatella
Gortyna flavago
Helicella candidula
H. conspurcata
H. itala
H. maritima
H. pyramidata
H. striata
H. trochoides
H. variabilis
Helix aperta
H. aspersa
H. leucorum
Heterogenea asella
Hygromia cinctella
Laspeyresia nigricana
L. splendana
Lepidosaphes ficus
Leucoptera scitella
Limax marginatus
Limothrips consimilis
Lobesia botrana
Mamestra brassicae
Monacha carthusiana
Ostrinia nubilalis
Otala lactea
O. vermiculata
Oulema melanopa
Papillifera cinera
P. papillaris
Parlatoria zizyphus
Phalacropteriz apiformis
Pieris brassicae
Plinthisus putoni
Prays oleellus
Psylla pyri
Rhagoletis cerasi
Rhaphigaster nebulosa
Roucasia ovata
Sesamia cretica
Sinoxylon sexdentatum
Sterrha inquinata
Systole albipennis
Theba pisana
Thrips major
Trichia striolata
Trogoderma granarium
Udea ferrugalis
JAMAICA:
Acanthoscelides armitagei
Aganactesis indecora
Anastrepha mombinpraeoptans
A. suspensa
Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium epidendri
Coryda nemoraloides
Diaphania indica
Ectomyelois ceratoniae
Fundella pellucens
Helicina neritella
Nasutitermes nigriceps
Orthalicus undatus
O. undatus jamaicensis
Pectinophora gossypiella
Protopulvinaria longivalvata
Pseudophasma cyllarus
Subulina octona
Vinsonia stellifera
JAPAN:
Aleurotrachelus camelliae
Alsophila membranaria
Aonidiella citrina
Arge similis
Aspidiotus destructor
A. palmae
Aulacaspis ericacearum (tentative)
Callidium rufipenne
Carposina niponensis
Chilo suppressalis
Chrysomphalus nulliporus
Dichocrocis punctiferalis
Drosicha howardi (tentative)
Frankliniella formosae
Glycyphagus michaeli
Haplothrips gowdeyi
Kuwanina parva
Lampides boeticus
Lepidosaphes celtis
L. conchiformoides
Limax marginatus
Lyctus africanus
Mamestra brassicae
Maruca testulalis
Matsumuraeses phaseoli
Monomorium destructor
Morganella longispina
Nipponaclerda biwakoensis
Oligonychus perditus
Ostrinia nubilalis
Parlatoria cinerea
P. citri
P. zizyphus
Pentalonia nigronervosa
Pentamerismus oregonensis
Petrova cristata
Pheidole megacephala
Phenacoccus rotundus (tentative)
Prodenia litura
Pseudococcus citriculus
Schoenobius incertulas
Sclerocona acutellus
Sesamia inferens
Sirex juvencus
Stephanitis nashi
Rhophobota naevana
Taeniothrips gracilis
T. hawaiiensis
Tetraleurodes aucubae
Tetranychus cinnabarinus
Thrips flavus
Unaspis yanonensis
Zonitoides arboreus
JAPAN(?):
Crocidophora sinisalis
Oechalia schellenbergi
Paraponyx fluctuosalis
JOHNSTON ISLAND:
Leucania irregularis
JORDAN:
Leucaspis pusilla
KENYA:
Cecilioides aperta(?)
KOREA:
Trogoderma granarium
KUWAIT:
Trogoderma granarium
KWAJALEIN:
Furcaspis oceanica
Lepidosaphes esakii
LEBANON:
Ceratitis capitata
Dacus oleae
Lobesia botrana
Phloeotribus scarabaeoides
Prays oleellus
Schneidereria pistaciella
LIBERIA:
Akermes andersoni
Stephanoderes hampei

Countries of Origin and Insects—Continued

LIBYA:
Cochlicella barbara
Otala vermiculata
Subulina octona
Theba pisana
LITHUANIA:
Curculio nucum
MARSHALL ISLANDS:
Furcaspis oceanica
MAURITIUS:
Vinsonia stellifera
MEXICO:
Acanthoscelides griseolus
Aleurocanthus woglumi
Alpheias conspirata
Althos obscurus
Amitermes wheeleri
Amnestus uhleri
Anastrepha ludens
A. mombinpraeoptans
Ancylostomia stercorea
Antillocoris punctatus
Apion griseum
Arphnus melanotylus
Aspidiotus destructor
A. difjinis
A. palmae
Asterolecanium bambusae
Atheas nigricornis
Batrachedra linaria
Brachybaenus ablutus
Bulimulus hepatostomus
Capaneus tetricus
Caulotops distanti
Cerotoma atrofasciata
Chilo loftini
Chrysomphalus agavis
C. personatus
C. sphaerioides
C. tenax
C. tingi
C. umboniferus
Conotelus mexicanus
Conotrachelus aguacatae
C. perseae
Corythucha mcelfreshi
Cosmopolites sordidus
Cryphula apicata
Dendrocoris variegatus
Diatraea magnifactella
Drymaeus cuernavacensis
D. hegewischi
D. hepatostomus(?)
D. heynemanni
D. rudis
Dyscinetus frater
D. laevipunctatus
Dysdercus mimulus
D. obliquus(?)
Epinotia aporema
Eucalymnatus tessellatus
Eucheira socialis
Eurytoma orchidearum
Eustrophinus marginatus
Ethelema sobrina
Everes comyntas
Exptochiomera albomaculata
E. confusa
E. formosa
Epinotia aporema
Fiorinia theae
Frankliniella williamsi
Galgupha punctifer
G. quadrisignata
Gnorimoschema gudmannella
Grapholitha packardi
Gymnococcus agavium
Haplothrips clarisetis(?)
H. gowdeyi
Helicina durangoana(?)
H. oweniana(?)
H. zephyrina
Helix aspersa
Heterotermes convexinotatus
H. maculatus
Jadera sanguinolenta
Lamellaxis micra
Lepidosaphes carinata
L. philococcus
Leucoptera coffeella
Ligyrocoris auivilliana
L. nitidicollis
Limax marginatus
Loxostege bifidalis
L. similalis
Lygaeus teapensis
Lygus lineolaris
Melanaethus planifrons
Membracis mexicana
Micrarionta stearnsiana
Monanthia monotropidia
Moodna bisinuella
Mormidea pictiventris
Myodocha longicollis
Nasutitermes mexicanus
Neoadoxoplatys saileri
Neoclytus acuminatus
Neoleucinodes elegantalis
Nysius tenellus
Ofatulena duodecimstriata
Oplomus nigripennis pulcher
Opuntiaspis philococcus
Orthalicus boucardi
Orthezia pseudinsignis
Ozophora consanguineus
Pachybrachius albocinctus
Paragonatus divergens
Parlatoria cinerea
Parisoschoenus flavolimbatus
Pectinophora gossypiella
Plagiodera punctigera
Platynota rostrana
Platypus rugulosus
Plecia plagiata
Polygyra matermontana
P. richardsoni
Praticolella ampla
Pseudischnaspis alienus
P. bowreyi
Pseudococcus ferrisi
Pseudodiaspis yuccae
Pulvinaria psidii
Puto mexicanus
Pyrgocorypha sallei
Radiodiscus proameri
Reticulitermes flavipes
Rumina decollata
Sisamnes contractus
Stenoma catenifer
Stereotydeus mexicanus
Subulina octona
Talponia batesi
"Targionia" bromiliae
Targionia yuccarum
Tenthecoris angustimarginatu
T. confusus
T. distinctus
Termatophylella fulvioides
Tetranychus cinnabarinus
Trialeurodes similis
T. variabilis
T. vitrinellus
Trioza anceps
Trogoderma granarium
Valtissius diversus
Veronicella moreleti
Yosemitia didactica
Zonitoides arboreus
MOROCCO:
Bulimulus fraterculus
Cochlicella barbara
C. ventrosa
Metopoplax ditomoides
Otala lactea
Theba pisana
NETHERLANDS:
Acrolepia assectella
Adoxophyes reticulana
Arianta arbustorum

Countries of Origin and Insects—Continued

NETHERLANDS—Continued
Arion ater
Bruchus lentis
Caryedon gonagra
Cecilioides acicula
Cladius pectinicornis
Dialeurodes chittendeni
Diaspis juniperi
Eriophyes canestrinii
Frankliniella intonsa
Gracilaria azaleella
Limothrips denticornis
Mamestra brassicae
Milax gagates
Monophadnoides alternipes
Myzus ascalonicus
Orthops kalmi
Philia febrilis
Rhynchaenus populi
Taeniothrips atratus
T. ericae
Thrips flavus
T. major
Trichia hispida
Trogoderma granarium
NETHERLANDS (?):
Ectomyelois ceratoniae
NEW GUINEA:
Coccus viridis
NEW ZEALAND:
Austrotortrix postvittana
Steneotarsonemus laticeps
NICARAGUA:
Acanthoscelides griseolus
Anastrepha mombinpraeoptans
Aspidiotus destructor
A. herculeanus
Asterolecanium epidendri
Chlorotettix tethys
Chrysomphalus calurus
Dialeurodes citrifolii
Mumetopia nigrimana
Stenoma catenifer
Talurus rugosus
Vinsonia stellifera
NIGERIA:
"Lecanium" catori (tentative)
NORTHERN IRELAND:
Steneotarsonemus laticeps
NORWAY:
Acrolepia assectella
Argyresthia conjugella
Taeniothrips picipes
OKINAWA:
Achatina fulica
Aonidiella inornata
Frankliniella formosae
Haplothrips gowdeyi
Parlatoria zizyphus
Taeniothrips hawaiiensis
PAKISTAN:
Aulacaspis tubercularis
Lyctus africanus
Pectinophora gossypiella
Trogoderma granarium
PANAMA:
Acanthoscelides armitagei
A. griseolus
Ancylostomia stercorea
Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Conchaspis orchidarum
Lepidosaphes tokionis
Liogenys macropelma
Nasutitermes ephratae
Paragonatas divergens
Parlatoria crotonis
Pinnaspis buxi
Pseudischnaspis alienus
Stenoma catenifer
Teleonemia scrupulosa
Unaspis citri
Vilga dissimilis
Vinsonia stellifera
PARAGUAY:
Cerconota anonella
PERU:
Acanthoscelides armitagei
A. griseolus
Aleurodicus iridescens
Asterolecanium epidendri
Chrysomphalus odontoglossi
C. umboniferus
Euscepes postfasciatus
Gnorimoschema borsaniella
G. plaesiosema
Helix aspersa
Lamellaxis gracilis
Limax marginatus
Mecolaemus carvalhoi
Pachybrachius albocinctus
Pseudischnaspis bowreyi
Paulinia acuminata
Symphylus ramivittata
Tenthecoris exitiosus
Terastria meticulosalis
Zonitoides arboreus
PERU(?):
Ceratitis capitata
Megasoma elephas
PHILIPPINES:
Aleurocanthus citriperdus
Aonidiella inornata
Aspidiotus palmae
Chilo suppressalis
Conocephalus longipennis
Dacus dorsalis
Dialeyrodes kirkaldyi
Frankliniella formosae
Lepidosaphes tubulorum
Maruca testulalis
Monomorium destructor
Parlatoria cinerea
P. citri
P. zizyphus
Pentalonia nigronervosa
Pseudaonidia trilobitiformis
Pseudococcus lilacinus
Rhipiphorothrips pulchellus
Selenothrips rubrocinctus
Taeniothrips hawaiiensis
Unaspis yanonensis
PHILIPPINES(?):
Mesovelia orientalis
Nanaguna breviuscula
Nephotettix apicalis
Paraponyx fluctuosalis
POLAND:
Acronicta psi
Aphis callunae
Arge ochropa
Blastodacna atra
Grapholitha funebrana
Haplothrips aculeatus
Limothrips denticornis
Oulema gallaeciana
Tetranychus viennensis
Thrips major
PORTUGAL:
Blastophagus piniperda
Ceratitis capitata
Curculio elephas
Haplothrips cottei
Helix aspersa
Laspeyresia splendana
Nothorhina muricata
Taeniothrips atratus
"Targionia" bromiliae
Udea ferrugalis
PUERTO RICO:
Anastrepha mombinpraeoptans
A. suspensa
Argyresthia eugeniella
Cylas formicarius var.
Euscepes postfasciatus
Fundella pellucens
Jadera rufofusca
Lamellaxis gracilis

Countries of Origin and Insects—Continued

PUERTO RICO—Continued
Maruca testulalis
Pectinophora gossypiella
Pheidole megacephala
Platynota rostrana
Sphenarches caffer
Subulina octona
"Targionia" sacchari
Toxotrypana curvicauda
Unaspis citri
PUERTO RICO(?):
Megalotomus rufipes
REPUBLIC OF SOUTH AFRICA:
Aonidiella citrina
Asterolecanium euphorbiae
Blissus diplopterus
Cardiophorus histrio
Contigaspis indogoferae
Cryptophlebia leucotreta
Diaphone eumela
Ectomyelois ceratoniae
Epichorista ionephela
Haplothrips gowdeyi
Homothrips distinctus
Ochterus marginatus
Oxycarenus hyalinipennis
Sciocoris fuscospursus
Selenaspidus silvaticus
Stephanoderes hampei
REPUBLIC OF THE CONGO:
Parlatoria zizyphus
Sculptaria retisculpta
ST. KITTS:
Ancylostomia stercorea
Fundella pellucens
ST. MARTIN:
Ancylostomia stercorea
SCOTLAND:
Argyresthia conjugella
Opisthograptis luteolata
Rhinocola ericae
Taeniothrips atratus
T. ericae
Thrips flavus
SENEGAL:
Trogoderma granarium
SIERRA LEONE:
Cylas puncticollis
Trogoderma granarium
SINGAPORE:
Genaparlatoria pseudaspidiotus
Trogoderma granarium
SOUTH AMERICA (country(?)):
Liopenys macropelma
SOUTHWEST PACIFIC:
Hippotion echeclus
SPAIN:
Acrolepia assectella
Anacridium aegyptium
Aonidiella citrina
Archachatina marginata
Bruchus ervi
Ceratitis capitata
Chilo suppressalis
Cochlicella barbara
C. conoidea
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Ectomyelois ceratoniae
Helicella cespitum
H. conspurcata
H. maritima
H. neglecta
H. striata
H. variabilis
H. virgata
Helix aspersa
Hispa atra
Laspeyresia splendana
Lecanium rufulum
Lygaeus superbus
Otala vermiculata
Rhagoletis cerasi
Taeniothrips atratus
Theba pisana
T. planata
Trichia hispida
SUDAN:
Lyctus africanus
Trogoderma granarium
SURINAM:
Fundella pellucens
Maruca testulalis
SWEDEN:
Eriophyes leionotus
Pityogenes chalcographus
SWITZERLAND:
Cladius pectinicornis
Melolontha melolontha
Stenoptilia stigmatodactyla
Taeniothrips picipes
SYRIA:
Bostrichus capucinus
Penichroa fasciata
TAHITI:
Ceroplastes rubens
Coccus viridis
Dacus oleae
Dialeurodes kirkaldyi
Frankliniella sulphurea
Geotomus pygmaeus
Haplothrips gowdeyi
Morganella longispina
Pentalonia nigronervosa
Prays oleellus
Protopulvinaria longivalvata
Pseudaonidia trilobitiformis
Suidasia medanensis
TANGANYIKA:
Trogoderma granarium
THAILAND:
Pachybrachius nietneri
Parlatoria citri
P. zizyphus
Pectinophora gossypiella
Pinnaspis buxi
Trogoderma granarium
TORTOLA:
Ancylostomia stercorea
Vaginulus occidentalis(?)
TRINIDAD:
Acanthoscelides armitagei
Aganactesis indecora
Campylenchia hastata
Cylas formicarius elegantulus
Euscepes postfasciatus
Maruca testulalis
Parlatoria cinerea
Unaspis citri
Vinsonia stellifera
TUNISIA:
Parlatoria zizyphus
TURKEY:
Bruchus ervi
Ceratitis capitata
Cochlicella ventrosa
Helicella derbentina
H. neglecta
H. protea
H. striata
H. variabilis
Megastigmus suspectus
Monacha olivieri
Otala vermiculata
Pectinophora gossypiella
Thrips major
UNION OF SOVIET SOCIALIST REPUBLICS:
Argyresthia conjugella
Ectomyelois ceratoniae
UNITED ARAB REPUBLIC:
Ceratitis capitata
Gnorimoschema ocellatella
Lixus junci
Trogoderma granarium
UNKNOWN:
Acanthoscelides armitagei

Countries of Origin and Insects—Continued

UNKNOWN—Continued
Achaea janata
Amphimallon majalis
Aonidiella citrina
Blastodacna atra
Blosyris scops
Cacoecimorpha pronubana
Caryedon gonagra
Ceratitis capitata
Characoma albulalis(?)
Chilo suppressalis
Chrysomphalus personatus
Cryptoblabes gnidiella
Dacus dorsalis
Earias insulana
Ectomyelois ceratoniae
Eurytoma orchidearum
Euxoa bilitura
Frankliniella formosae
F. intonsa
F. tenuicornis
Fuscaspis oceanica
Gymnandrosoma aurantianum
Helicella striata
Heliothis armigera
Helix aspersa
Laspeyresia splendana
Nephotettix apicalis
Nomophila noctuella
Opogona sacchari
Ostrinia nubilalis
Otosema odorata
Pagyda salvalis
Parlatoria cinerea
P. zizyphus
Peritrechus nubilus
Pheidole megacephala
Phytomyza rufipes
Pinnaspis buxi
Plagionotus arcuatus
Poecilozonites circumfirmatus
Potosia opaca
Pseudococcus boninsis
Pulvinaria psidii
Pyrrhidium sanguineum
Rhagoletis cerasi
Schoenobius incertulas
Sesamia nonagrioides
Spanioneura fonscolombei
Taeniothrips atratus
Theba pisana
Thrips angusticeps
T. flavus
T. major
Trogoderma granarium
Unaspis citri
Unaspis yanonensis
Vinsonia stellifera
VENEZUELA:
Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Bephrata maculicollis
Cylas formicarius elegantulus
Drymaeus multilineatus
Lamellaxis gracilis
Nomophila noctuella
Orthalicus pulchellus protoglyptus
Pseudaonidia trilobitiformis
Stenoma catenifer
Synrias diffundens(?)
Tenthecoris venezuelensis
VIETNAM:
Parlatoria citri
Sinozylon anale
S. conigerum
WEST AFRICA:
Leucinodes orbonalis
Stephanoderes hampei
Trogoderma granarium
WEST PACIFIC:
Prodenia litura
YUGOSLAVIA:
Curculio elephas
Diaspis juniperi
Ectomyelois ceratoniae
Frankliniella intonsa
Ostrinia nubilalis

Pests Collected and Reported From July 1, 1961, Through June 30, 1962

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
†*Alternaria zinniae* Pape:					
Zinnia sp. (seed)	Canada, Netherlands	-----	-----	2	N.J.
Aphelenchoides fragariae (Ritzema Bos) Christie:					
Bletilla striata (orchid) stem	Japan	-----	-----	3	N.J.
Aphelenchoides subtenuis (Cobb) Steiner & Buhrer:					
Narcissus sp	Italy	-----	-----	1	N.Y.
‡*Ascochyta armoraciae* Fckl.:					
Armoracia lapathifolia (horseradish) top	Germany	-----	1	-----	Calif.*
Ascochyta citri Penz.:					
Citrus aurantium (sour orange) peel	Japan	-----	1	-----	Calif.*
C. grandis (pummelo)	†Formosa	-----	1	-----	Calif.*
C. limon (lemon)	Japan	-----	1	-----	Calif.*
Cercospora angraeci Feuill. & Roum.:					
Epidendrum sp. (orchid) leaf	Bahamas	-----	-----	1	Fla.
Stanhopea sp. (orchid) leaf	Canal Zone	-----	-----	1	Tex.
‡*Cercospora cupheae* Syd.:					
Cuphea sp. (herbarium specimen)	Mexico	1	-----	-----	Ariz.
‡*Cercospora erythrinae* Ell. & Ev.:					
Erythrina sp. (coralbean) herbarium specimen	----do	1	-----	-----	Ariz.
Cercospora odontoglossi Prill. & Del.:					
Orchid (leaf)	----do	-----	-----	2	Tex.
‡*Cercospora populina* Ell. & Ev.:					
Populus sp. (poplar) herbarium specimen	----do	1	-----	-----	Ariz.
Cercospora punicae P. Henn.:					
Punica granatum (pomegranate) fruit and leaf	----do	3	-----	1	Tex.
†*Cerotelium fici* (Butl.) Arth.:					
Ficus carica (fig)	Dominican Republic	1	-----	-----	P.R.
‡*Chaetopeltopsis tenuissima* (Petch) Th.:					
Orchid	Mexico(?)	-----	-----	1	Ariz.
Spondias cytherea (vl-apple)	Puerto Rico	1	-----	-----	P.R.
S. mombin (yellow mombin)	----do	1	-----	-----	P.R.
Chrysomyxa ledi d By. var. *rhododendri* (d By.) Savile:					
Rhododendron ferrugineum (rock rhododendron) leaf	Austria, England, Italy, Switzerland, unknown.	16	1	2	N.J., N.Y.
Rhododendron sp	Austria, Germany, Switzerland.	5	-----	-----	Ill., Mass., N.Y.
†*Coniella diplodiella* (Speg.) Petr. & Syd.:					
Citrus aurantifolia (sweet lime)	Mexico	2	-----	-----	Ariz., Tex.
†*Coniothecium scabrum* McAlp.:					
Citrus reticulata (Mandarin orange)	Japan	3	-----	-----	Hawaii.
Coniothyrina agaves (Dur. & Mont.) Petr. & Syd.:					
Agave sp	Mexico	-----	-----	1	Tex.
Coniothyrium cytisellum (Pass. & Thuem.) Sacc.:					
Laburnum X watereri (Waterer laburnum)	Netherlands	-----	-----	2	N.J.
‡*Coniothyrium trabutii* A. Riza:					
Pelargonium sp. (geranium) leaf	Mexico	-----	-----	1	Tex.
Corynebacterium fascians (Tilford) Dows.:					
Dahlia hybrid (crown)	Unknown	-----	-----	1	N.J.
‡*Criconema celetum* Wu:					
Soil with *Anthurium* sp. plant	Mexico	-----	-----	1	Tex.
‡*Criconemoides curvatum* Raski:					
Soil with *Begonia* sp	Argentina	-----	-----	1	N.Y.
Soil with unidentified plant	Mexico	-----	-----	1	Ariz.
Criconemoides mutabile Taylor:					
Soil with plants (*Azonopus* sp., *Cissus* sp., *Philodendron* sp., and *Pinus* sp.).	----do	-----	-----	4	Ariz., Tex.
‡*Criconemoides peruense* (Steiner) Taylor:					
Soil with *Begonia* sp	----do	-----	-----	1	Tex.
Cronartium quercuum (Berk.) Shirai:					
Quercus emoryi (Emory oak)	----do	1	-----	-----	Ariz.
Quercus sp. (dry leaf)	Japan	-----	1	-----	N.Y.
Cronartium ribicola Fisch. v. Waldh.:					
Ribes sp. (currant) leaf	Canada	1	-----	----	Mass.
Cryptocline paradoxa (de N.) Arx:					
Hedera helix 'Hibernica' (Irish ivy)	Netherlands	-----	-----	1	N.J.
Cryptospora longispora Servazzi:					
Araucaria excelsa (Norfolk-Island-pine) seed	Australia, New Zealand, Norfolk Island.	-----	-----	9	Calif.,* Fla., N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Cumminsiella mirabilissima (Pk.) Nannf.:					
Mahonia aquifolium (Oregon-grape) leaf	France	-----	1	-----	Mass.
Mahonia sp.	Unknown	-----	2	-----	N.Y.
‡*Cylindrosporium castaneae* (Lev.) Krenner:					
Castanea sp. (chestnut) leaf	Italy (?)	-----	1	-----	N.Y.
Cytospora punica Sacc.:					
Punica granatum (pomegranate)	Mexico	1	-----	-----	Tex.
‡*Cytospora translucens* Sacc.:					
Salix sp. (willow) basket	Switzerland	1	-----	-----	Mass.
‡*Dendrodochium rubellum* Sacc.:					
Chamaedorea ernesti-augustii (seed)	Mexico	-----	-----	1	Calif.
‡*Dendrophoma pulvis-pyrius* Sacc.:					
Malus sylvestris (apple)	Italy	-----	1	-----	N.Y.
‡*Diaporthe camelliae* F. Tassi:					
Camellia japonica (twig)	New Zealand	-----	-----	1	Fla.
‡*Didymascella* (*Kethia*) *thujina* (Dur.) Maire:					
Thuja sp. (arborvitae) leaf	Canada	-----	-----	1	N.Y.
Didymellina ornithogali Jacques:					
Ornithogalum thyrsoides (Cape chinkerichee) flower and stem.	Republic of South Africa.	2	-----	-----	N.Y.
†*Diplodia coccocarpa* Sacc.:					
Cocos nucifera (coconut) cap	Nicaragua	1	-----	-----	Calif.*
Diplodia oryzae I. Miyake:					
Oryza sativa (rice) straw	Japan	-----	31	-----	Calif.*
†*Diplodina salicis* West.:					
Salix sp. (willow) rooted twig	Denmark	-----	-----	1	Pa.
Ditylenchus destructor Thorne:					
Colchicum giganteum (autumn-crocus)	Netherlands	-----	-----	1	N.Y.
Gladiolus nanus 'Blushing Bride'	----do	-----	-----	1	N.Y.
Ditylenchus dipsaci (Kühn) Filip.:					
Allium cepa (onion) sets	England	-----	-----	1	N.Y.
A. sativum (garlic)	Mexico	3	-----	-----	Tex.
Narcissus 'Ripple' (bulb)	England	-----	-----	1	N.J.
‡*Dothidella depazeoides* (Desm.) Th. & Syd.:					
Buxus sp. (boxwood) foliage	Spain	-----	1	-----	Mass.
Dothiorella pericarpica Sacc.:					
Macrozamia sp. (cycad) seed	Australia	-----	-----	1	Calif.*
Dothiorella phomiformis (Sacc.) Petr. & Syd.:					
Quercus sp. (oak) leaf	Japan	-----	1	-----	N.Y.
‡*Elsinoe ampelina* Shear:					
Vitis vinifera (European grape) stem	Germany	-----	-----	1	N.Y.
Vitis sp. (cutting)	Italy	-----	-----	1	N.Y.
Elsinoe australis Bitanc. & Jenkins:					
Citrus aurantifolia (lime)	Argentina, Brazil	-----	7	-----	Calif.,* La., Pa., P.R.
C. limon (lemon)	Argentina, Brazil	1	30	-----	Calif.,* Fla., Ga., Hawaii, La., N.Y., Pa.
C. paradisi (grapefruit)	Argentina, Brazil	-----	5	-----	Calif.,* Fla., Ga., La., Pa.
C. reticulata (Mandarin orange)	Argentina, Brazil, Paraguay, unknown.	6	14	-----	Ariz., Calif.,* Fla., Ga., Hawaii, La., N.Y., Pa.
C. reticulata hybrid	Argentina	-----	2	-----	N.Y.
C. reticulata X *C. sinensis* (tangor)	----do	1	1	-----	N.Y.
C. sinensis (sweet orange)	Argentina, Brazil, Paraguay, unknown, Uruguay.	13	133	-----	Ala., Calif.,* Fla., Ga., Hawaii, La., Md., Mass., Mich., N.Y., Pa., P.R., S.C., Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Elsinoe mangiferae Bitanc. & Jenkins:					
Mangifera indica (mango)	†Dominican Republic, Puerto Rico.	2	1	-----	Pa., P.R.
Elsinoe phaseoli Jenkins:					
Phaseolus lunatus (lima bean) pod	Puerto Rico	1	-----	-----	Ill.
Elsinoe piri (Wor.) Jenkins:					
Malus sylvestris (apple)	Spain	-----	1	-----	La.
‡*Fusarium larvarum* Fckl.:					
Zelkova serrata (Japanese zelkova) dwarf tree	Japan	-----	-----	1	Calif.*
Graphiola borassi Syd. & Butl.:					
Borassus flabellifera (palmyra palm)	India	2	-----	-----	N.Y., Tex.
†"Greasy spot":					
Citrus reticulata (Mandarin orange) leaf	Guadeloupe	-----	1	-----	Md.
C. sinensis (sweet orange) leaf	Jamaica	1	-----	-----	Fla.
Guignardia (*Phoma*) *citricarpa* Kiely:					
Citrus aurantifolia (lime)	Australia	-----	1	-----	Hawaii.
C. aurantium (sour orange)	Japan	-----	3	-----	Calif.,* Wash.
C. grandis (pummelo)	Formosa, Japan, unknown.	2	2	-----	Calif.,* Mich., N.Y.
C. limon (lemon)	Argentina, Australia, Brazil, Formosa, Hong Kong, Japan, Republic of South Africa, Singapore, unknown.	1	62	-----	Calif.,* Fla., Hawaii, Ill., La., Mass., Mich., N.Y., Pa., S.C., Wash.
C. paradisi (grapefruit)	Australia, Formosa, Hong Kong, Japan, Republic of South Africa.	1	8	-----	Calif.,* La., Mass., N.Y., Pa., Tex.
C. paradisi X *C. reticulata* (tangelo)	Japan, †Korea	2	1	-----	Hawaii.
C. reticulata (Mandarin orange)	Australia, China, Formosa, Hong Kong, Japan, †Korea, Okinawa, Philippines, †Tahiti(?), unknown, Vietnam.	90	10	-----	Calif.,* Hawaii, Ill., Mass., N.Y., Wash.
C. sinensis (sweet orange)	Argentina, Australia, Brazil, China, Federation of Malaya, Formosa, Hong Kong, Japan, Macao, Mozambique, Okinawa, Philippines, Republic of South Africa, †Tahiti(?), Thailand, unknown.	101	128	-----	Calif.,* Fla., Ga., Hawaii, Ill., La., Md., Mass., Mich., Minn., N.J., N.Y., Ohio, Pa., P.R., S.C., Tex., Wash.
Citrus sp. (dry peel, fruit, and leaf)	Asia (country (?)), China, Formosa, Hong Kong, Japan, unknown.	49	2	-----	Bahamas, Calif.,* Ga., Ill., Mass., Mich., N.Y., Tex., Wash.
Fortunella sp.(?) (kumquat) leaf	Hong Kong	1	-----	-----	Hawaii.
‡*Gymnosporangium cornutum* Kern.:					
Sorbus aucuparia (European mountainash)	Finland, Norway	2	-----	1	Mass., N.Y.
Gymnosporangium haraeanum Syd.:					
Juniperus chinensis (pyramid Chinese juniper)	Japan	-----	-----	3	Hawaii.
‡*Helicotylenchus buxophilus* (Golden) Perry:					
Soil with *Euonymus* sp. plant	Mexico	-----	-----	1	Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
‡*Helicotylenchus dihystera* (Cobb) Sher:					
Soil with propagative material (*Begonia* sp., *Caladium* sp., *Citrus* sp., *Euphorbia* sp., *Ficus elastica*, *Impatiens balsamina*, *Lilium* sp., *Portulaca* sp., *Prunus persica*, *Rhododendron* sp., *Ruta graveolens*, *Sansevieria* sp., succulent, *Tradescantia* sp., and unidentified plants).	Azores, Argentina, Brazil, England, Mexico.	-----	-----	15	Ariz., Mass., N.Y., Tex.
Helicotylenchus nannus Steiner:					
Soil with propagative material (*Aglaonema* sp., *Asparagus sprengeri*, *Begonia* sp., *Dioon edule*, fern, *Hydrangea* sp., and *Mentha* sp.).	Italy, Mexico	-----	-----	7	N.Y., Tex.
Heterodera avenae (Wr.) Filip.:					
Soil	Germany	1	-----	-----	N.J.
Soil with *Allium sativum* (garlic)	Italy	2	-----	-----	N.J.
Soil with automobile	England, Germany	2	-----	-----	Fla.
Soil with *Colocasia esculenta* (dasheen)	†Azores	1	-----	-----	N.Y.
Soil with military cargo	England, France	3	-----	-----	N.J.
Soil with propagative material (cactus, *Larix* sp., and *Prunus persica*).	Austria, Germany, Italy.	-----	-----	3	N.J., N.Y.
Soil with *Solanum tuberosum* (potato)	†Canary Islands	-----	1	-----	Tex.
Heterodera cacti Filip. & Schuurm. Stek.:					
Soil sample	Mexico	1	-----	-----	Tex.
Soil with *Allium sativum* (garlic)	do	6	-----	-----	N.Y.
Soil with bagging (cover on cotton bale)	do	1	-----	-----	Tex.
Soil with propagative material (*Amaryllis* sp., *Begonia* sp., *Bougainvillea* sp., cactus, *Dahlia* hybrid, *Euphorbia* sp., *Ficus elastica*, *Lilium* sp., *Opuntia* sp., *Pelargonium* sp., *Portulaca grandiflora*, *Tradescantia* sp., and unidentified plants).	Austria, †Belgium, †Costa Rica, England, France, Germany, Italy, Mexico, †Peru, †Sweden.	-----	-----	63	Ariz., Calif.,* Fla., N.J., N.Y., Tex.
Soil with railway car	Mexico	-----	2	-----	Tex.
Soil with *Solanum tuberosum* (potato)	do	-----	1	-----	La.
Soil with tractor	do	1	-----	-----	Tex.
Heterodera humuli Filip.:					
Soil with *Humulus lupulus* (hops)	Germany	-----	-----	1	N.Y.
Heterodera punctata Thorne:					
Soil	Mexico	2	-----	-----	Tex.
Soil with army tanks	Germany	1	-----	-----	Md.
Soil with automobile	England, Germany, Ireland(?), Sweden.	8	-----	-----	Fla., Ill., Md., Mass. Pa.
Soil with *Colocasia esculenta* (dasheen)	†Portugal	1	-----	-----	Mass.
Soil with military cargo	†Morocco	1	-----	-----	N.J.
Soil with mudbird nest	†Argentina	1	-----	-----	Fla.
Soil with propagative material (*Begonia* sp., cactus, *Ficus elastica*, *Lavandula* sp., *Lilium* sp., *Musa paradisiaca* var. *sapientum*, *Pelargonium* sp., *Philodendron* sp., *Sedum* sp., *Sequoia* sp., unidentified cutting and plant, and *Viola* sp.).	England, Germany, Ireland, Italy, Mexico, Norway, Sweden, unknown.	-----	-----	27	Ariz., Ill., Mass., Mich., N.J., N.Y., Tex.
Soil with semi-trailer	England	1	-----	-----	N.J.
Soil with stores (*Apium graveolens*, *Brassica rapa*, and *Solanum tuberosum*).	Belgium, Netherlands, Wales.	-----	3	-----	Fla., La.
Soil with *Trifolium repens* var. (shamrock)	Ireland	1	-----	1	Ill., Pa.
Heterodera rostochiensis Wr.:					
Soil	Germany, Mexico, Poland.	5	-----	-----	Ala., Ill., N.J., N.Y., Tex.
Soil with *Allium cepa* (onion)	England, Germany	1	-----	1	Ill., N.Y.
Soil with automobile	England, France, Germany.	9	-----	-----	Ala., Fla., La., Md., Tex.

See footnotes at end of table.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Heterodera rostochiensis Wr.—Continued					
Soil with propagative material (Araceae, *Asparagus sprengeri*, bromeliad, cactus, *Calluna vulgaris*, *Coleus* sp., conifer, *Convallaria majalis*, *Dahlia* hybrid, *Fragaria* sp., *Gladiolus* hybrid, *Hedera* sp., *Lavandula* sp., *Oxalis* sp., *Pelargonium* sp., *Polianthes tuberosa*, *Primula* sp., *Ribes* sp., *Saintpaulia* sp., Sapindaceae, *Sedum* sp., *Solanum pseudocapsicum*, *Syringa* sp., *Trifolium repens* var., unidentified bulb and plant, and *Viola* sp.).	England, Germany, Ireland, Mexico, Peru, Scotland, Sweden, unknown.	-----	-----	37	Ariz., Calif.,* Ill., Mass., Mich., N.J., N.Y., Pa., Tex.
Soil with *Solanum andigena* (tuber)	Peru	1	-----	-----	Calif.*
Soil with *Solanum tuberosum* (potato)	Denmark, England, Germany, Ireland, Peru, Scotland, Sweden, unknown.	3	15	-----	Ala., Calif.,* Fla., La., Md., Mass., N.J., N.C., Tex., Wash.
Soil with stores (*Apium graveolens*, *Armoracia lapathifolia*, *Beta vulgaris*, and *Brassica rapa*).	England, France, Germany, Netherlands.	-----	10	-----	Fla., Tex., Wash.
Soil with tree fern log	Mexico	1	-----	-----	Tex.
†*Hypoxylon marginatum* (Schw.) Berk.: Wood (log)	Philippines	1	-----	-----	Hawaii.
Kuehneola uredinis (Lk.) Arth.: *Rubus* sp. (leaf)	France, unknown	-----	3	-----	Mass.
Leptosphaeria eustomoides Sacc.: *Triticum aestivum* (wheat) straw	Japan, Norway	-----	8	-----	Calif.*
Leptosphaeria protearum Syd.: *Protea* sp. (leaf)	Republic of South Africa.	1	-----	-----	N.Y.
Lophodermium arundinaceum (Fr.) Chev.: *Phragmites* sp. (reed)	Czechoslovakia, Germany.	3	-----	-----	Ill., Mass.
†*Lophodermium juniperinum* (Fr.) de N.: *Juniperus communis* (common juniper)	England	-----	-----	1	N.J.
‡*Lophodermium piceae* (Fckl.) Hoehn.: *Picea* sp. (spruce) needles	Switzerland	1	-----	-----	N.Y.
Macrophoma araucariae De Lac.: *Araucaria cookii* (seed)	New Zealand	-----	-----	1	Calif.*
A. excelsa (Norfolk-Island-pine) seed	Australia, New Zealand, Norfolk Island.	-----	-----	5	Calif.*
‡*Macrophoma dalmatica* (Thuem.) Berl. & Vogl.: *Olea europaea* (olive)	Lebanon	1	-----	-----	Tex.
Macrophoma musae (Cke.) Berl. & Vogl.: *Musa* sp. (banana)	American Samoa, Nepal, Singapore.	2	1	-----	Hawaii, Mass.
†*Marssonina fragariae* (Sacc.) Kleb.: *Fragaria* sp. (strawberry) leaf	Venezuela	-----	-----	1	P.R.
Meloidogyne arenaria (Neal) Chitwood: *Achimenes* sp. (tuber)	India	-----	-----	1	N.Y.
Aconitum sp. (root)	Netherlands	-----	-----	1	N.Y.
Agapanthus sp. (root)	†Brazil	-----	-----	1	Fla.
Begonia sp. (root)	Mexico	-----	-----	1	Tex.
Cactus (root)	Peru	-----	-----	1	Fla.
Caladium X hortulanum 'Candidum' (tuber)	Guatemala	-----	-----	1	N.J.
Dioscorea sp. (yam)	Japan	-----	2	-----	Calif.*
Hedychium sp. (gingerlily) root	†Panama	-----	-----	1	Fla.
Lactuca sativa (lettuce) root	†West Africa	-----	1	-----	Mass.
Peperomia sp. (plant)	Mexico	-----	-----	1	Tex.
Solanum tuberosum (potato)	Argentina, †Brazil	-----	2	-----	Pa.
Succulent plant	Mexico	-----	-----	1	Tex.
Ulmus sp. (elm) root of dwarf tree	Japan	-----	-----	1	Calif.*
Zingiber officinale (ginger) root	†Panama	-----	-----	1	Fla.
†*Meloidogyne arenaria arenaria* (Neal) Chitwood: *Caladium* sp. (root)	Guatemala	-----	-----	1	Fla.

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Meloidogyne arenaria thamesi Chitwood:					
Dahlia hybrid (root)	Japan	-----	-----	1	Calif.*
Gladiolus hybrid (corm)	----do	-----	-----	2	Calif.*
Hosta sieboldiana (Siebold plantainlily)	----do	-----	-----	1	N.J.
Solanum tuberosum (potato)	----do	-----	1	-----	Calif.*
Meloidogyne hapla Chitwood:					
Achimenes sp. (tuber)	†India	-----	-----	1	N.Y.
Aconitum sp. (root)	England, Netherlands.	-----	-----	3	N.Y.
Agastache cana (mosquito-plant) root	England	-----	-----	1	N.J.
Aster farreri 'Berggarten' (Farrer aster)	Netherlands	-----	-----	1	N.J.
Chrysanthemum arcticum (root)	†Switzerland	-----	-----	1	N.J.
Clematis lawsoniana (root)	Netherlands	-----	-----	1	N.Y.
C. patens 'Dutchess of Edinburgh' (root)	----do	-----	-----	1	N.Y.
C. vedrariensis (root)	England	-----	-----	1	D.C.
Clematis hybrid (root)	England, †France, Netherlands.	-----	-----	13	D.C., N.Y.
Delphinium sp. (root)	Netherlands	-----	-----	1	N.Y.
Fragaria sp. (strawberry) root	†France	-----	-----	3	N.Y.
Gerbera sp. (root)	†India	-----	-----	1	N.Y.
Geum sp. (root)	Netherlands	-----	-----	1	N.J.
Hepatica sp. (root)	England, Japan	-----	-----	2	D.C., N.J.
Oenothera fruticosa 'W. Cuthbertson' (common sundrops) root.	Netherlands	-----	-----	1	N.J.
Pelargonium sp. (geranium) root	----do	-----	-----	1	N.Y.
Potentilla sp. 'Klondike' (root)	----do	-----	-----	1	N.Y.
Pyrethrum sp. (root)	England, Netherlands	-----	-----	2	N.Y.
Teucrium montanum (germander) root	Germany	-----	-----	1	N.J.
Viburnum grandiflorum (root)	England	-----	-----	1	D.C.
Meloidogyne incognita (Kofoid & White) Chitwood:					
Alocasia macrorhiza 'Mottled' (root)	Mexico	-----	-----	1	Tex.
Alocasia sp. (root)	----do	-----	-----	2	Tex.
Anthurium sp. (root)	Trinidad	-----	-----	1	Fla.
Begonia sp. (root)	Brazil, Mexico, †Portugal.	-----	-----	4	N.J., N.Y., Tex.
Beta vulgaris (beet) root	Brazil, Mexico	2	1	-----	Fla., Tex.
Cactus (root)	Mexico	-----	-----	1	Tex.
Caladium sp. (root)	----do	-----	-----	1	Tex.
Capsicum annuum (pepper) root	----do	-----	-----	1	Tex.
Coleus sp. (root)	----do	-----	-----	1	Tex.
Colocasia esculenta (dasheen)	Cuba	1	-----	-----	Fla.
Cordyline terminalis (ti)	Mexico	-----	-----	1	Ariz.
Daucus carota var. *sativa* (carrot)	Italy, Mexico	2	1	-----	Pa., Tex.
Daucus sp. (root)	Mexico	1	-----	-----	Tex.
Dieffenbachia amoena (tuftroot) root	----do	-----	-----	1	Tex.
Echeveria sp. (root)	----do	-----	-----	3	Tex.
Epiphyllum sp. (cactus) root	----do	-----	-----	1	Tex.
Gardenia jasminoides (root)	----do	-----	-----	1	Tex.
Gladiolus hybrid (corm)	Japan	-----	-----	1	Calif.*
Gypsophylla paniculata (babysbreath) grafts	----do	-----	-----	1	Calif.*
Heliconia sp. (root)	Dominican Republic, †Ecuador.	-----	-----	2	Fla.
Hosta plantaginea (root)	Japan	-----	-----	1	N.J.
Ipomoea batatas (sweetpotato)	Mexico, †Sierra Leone.	1	1	-----	Calif.,* Md.
Kaempferia rotunda (tuber)	India	-----	-----	1	N.J.
Lonicera sp. (honeysuckle) root	Mexico	-----	-----	1	Tex.
Ornithogalum thyrsoides (Cape chinkerichee) bulb.	Republic of South Africa.	-----	-----	1	N.Y.
Petroselinum crispum (parsley) root	†Panama	-----	1	-----	Md.
Polianthes tuberosa (tuberose) bulb	Mexico	-----	-----	1	Ariz.
Ravenala madagascariensis (travelers palm) root.	Cuba	-----	-----	1	Fla.
Sanseviera sp. (root)	Mexico	-----	-----	1	Tex.
Solanum tuberosum (potato)	Brazil, Mexico	1	2	-----	Ariz., Calif.,* Pa.
Solanum cv. 57, C.T. 11 (tuber)	Mexico	-----	-----	1	D.C.
Zantedeschia elliottiana (golden calla lily) tuber.	Japan	-----	-----	1	N.J.
Zebrina pendula (wanderingjew zebrina)	Mexico	-----	-----	1	Tex.

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Meloidogyne incognita acrita Chitwood:					
Alocasia sp. (root)	Mexico	-----	-----	1	Tex.
Andropogon nardus (bluestem grass)	do	-----	-----	1	Tex.
Astilbe 'Serenade' (root)	Netherlands	-----	-----	1	N.J.
Caladium sp. (tuber)	†Guatemala	-----	-----	2	Fla.
Canna indica (?) (India canna) root	Republic of South Africa.	-----	-----	1	N.J.
Euphorbia sp. (root)	do	-----	-----	1	Calif.*
Fagraea berteriana (root)	†Tahiti	-----	-----	1	Hawaii.
Ficus sp. (fig) root	Italy	-----	-----	1	N.J.
Gardenia sp. (root)	Mexico	-----	-----	1	Tex.
Gladiolus cardinalis (cardinal gladiolus)	Republic of South Africa.	-----	-----	1	D.C.
Ipomoea batatas (sweetpotato)	Japan	-----	1	-----	Calif.*
Lactuca sativa (lettuce) root	†Morocco	-----	1	-----	Mass.
Sedum sp. (root)	Italy	-----	-----	1	N.Y.
Solanum tuberosum (potato)	Chile, Mexico	-----	1	1	Ariz., Pa.
Zantedeschia sp. (calla lily)	†Azores	-----	-----	1	S.C.
Zingiber officinale (ginger) root	Japan	-----	1	-----	Calif.*
‡*Meloidogyne incognita incognita* (Kofoid & White) Chitwood:					
Lycopersicon esculentum (tomato) root	Mexico	1	-----	-----	Calif.
Meloidogyne javanica (Treub) Chitwood:					
Agave sp. (root)	†Spain	-----	-----	1	N.Y.
Arum sp. (root)	Cuba	1	-----	-----	N.Y.
Caryopteris X clandonensis (bluebeard)	†England	-----	-----	1	D.C.
Caryopteris 'Ferndonn' (root)	do	-----	-----	1	D.C.
Cirsium rivulare var. *atropurpureum* (root)	†Germany	-----	-----	1	N.J.
Dioscorea spiculiflora (tuber)	Mexico	-----	-----	1	D.C.
Dioscorea sp. (yam) tuber	Japan	-----	3	-----	Calif.,* Pa.
Dracaena sp. (root)	Mexico	-----	-----	1	Ariz.
Euphorbia clandestina (root)	Republic of South Africa.	-----	-----	1	Calif.*
E. fasciculata (root)	do	-----	-----	1	Calif.*
Fragaria sp. (strawberry) root	France	-----	-----	1	N.Y.
Gerbera sp. (root)	India	-----	-----	1	Fla
Gladiolus hybrid (corm)	Japan	-----	-----	5	Calif.*
Iris hybrid (rhizome)	Republic of South Africa.	-----	-----	1	N.Y.
Ornithogalum thyrsoides (Cape chinkerichee) bulb.	do	-----	-----	1	N.Y.
Polianthes tuberosa (tuberose) bulb	Mexico	-----	-----	1	Ariz.
Viburnum sp. (root)	†England	-----	-----	1	D.C.
Zantedeschia elliottiana (golden calla lily) bulb	Japan	-----	-----	2	Calif.,* Fla.
Zingiber sp. (ginger) root	†Costa Rica	-----	-----	1	Tex.
‡*Meloidogyne javanica javanica* (Treub) Chitwood:					
Hibiscus sp. (root)	Canal Zone	-----	-----	1	Calif.*
Iris hybrid (root)	Jamaica	-----	-----	1	Fla.
Ixora sp. (root)	Canal Zone	-----	-----	1	Calif.*
Zingiber sp. (ginger) root	do	-----	-----	1	Calif.*
Monilinia fructigena (Aderh. & Ruhl.) Honey:					
Malus sylvestris (apple)	Sweden	1	-----	-----	N.Y.
Prunus domestica (plum)	France, Germany	1	1	-----	Pa.
Prunus sp. (cherry)	France, Spain	1	1	-----	Pa.
‡*Mycosphaerella acicola* (Cke. & Harkn.) Lindau:					
Pinus sp. (pine) needles	Unknown	-----	1	-----	Mich.
Mycosphaerella fragariae (Tul.) Lindau:					
Fragaria sp. (strawberry) leaf	Canada, Germany, †Poland.	-----	-----	5	Calif.,* N.Y.
†*Mycosphaerella palmae* Miles:					
Palm (leaf)	Bahamas	1	-----	-----	Bahamas.
Mycosphaerella schoenoprasi (Ces. & de N.) Schroet.:					
Allium cepa (onion)	†New Zealand	1	-----	-----	Calif.*
A. fistulosum (Welsh onion) leaf	Japan	-----	5	-----	N.Y., Pa.
A. porrum (leek)	Japan,† New Zealand, Spain.	-----	14	-----	Calif.,* N.Y., Ohio, Pa., P.R.

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‡*Mycosphaerella taxodii* (Cke.) Lindau:					
Taxodium sp. (bald cypress)	Mexico	1			Ariz.
†*Myiocopron corrientinum* Speg.:					
Cattleya sp. (orchid) leaf	do			1	Tex.
Oncidium sp. (orchid) pseudobulb	British Honduras			1	Tex.
‡*Myiocopron pereirae* Tassi:					
Pterocarpus violaceum (padauk) seed	Brazil			1	N.Y.
‡*Nectria infusaria* Cke. & Harkn.:					
Acacia costaricensis (stem)	Canal Zone	1			N.J.
Neovossia horrida (Tak.) Padw. & A. Khan:					
Oryza sativa (rice)	†Italy, Japan	1	124		Calif.,* N.Y.
Ophiodothella orchidearum Cash & Watson:					
Epidendrum aromaticum (orchid)	Mexico			1	Tex.
E. laucheanum (orchid)	†Costa Rica			1	Calif.*
Odontoglossum sp. (orchid)	Mexico			1	Tex.
Orchid	do			1	Ariz.
Papularia vinosa (Berk. & Curt.) Mason:					
Bambusa sp. (bamboo)	do			1	Ariz.
Phaeosphaerella senniana Sacc.:					
Protea sp. (cut flower)	Republic of South Africa.	1			Mass.
†*Phakopsora gossypii* (Arth.) Hirat. f.:					
Gossypium sp. (cotton) leaf	Haiti	1			Fla.
Phakopsora jatrophicola Cumm.:					
Jatropha gossypifolia (leaf)	Dominican Republic	1			Fla.
‡*Phlyctaena ficuum* P. Henn.:					
Ficus sp. (herbarium specimen)	Mexico	1			Ariz.
‡*Phoma demissa* Sacc.:					
Clematis hybrid (leaf)	France			1	N.J.
‡*Phomopsis cedrelae* Camara:					
Cedrela odorata (cigarbox cedrela) seed	Dominica			1	N.Y.
†*Phyllachora engleri* Speg.:					
Anthurium sp. (leaf)	Honduras			1	Fla.
†*Phyllachora graminis* (Fr.) Fckl.:					
Elymus virginicus (Virginia wildrye) seed	Denmark			1	N.J.
Grass—unidentified (plant)	Honduras			1	Fla.
‡*Phyllosticta bromeliae* Alm. & Cam.:					
Bromeliad	Mexico			1	Tex.
Phyllosticta hedericola Dur. & Mont.:					
Hedera helix (English ivy)	England		4		Mass.
‡*Phyllosticta parkinsoniae* Ell. & Ev.:					
Parkinsonia sp. (leaf)	Mexico	1	1		Tex.
†*Phyllosticta phaseolina* Sacc.:					
Phaseolus vulgaris (bean)	do	1			Tex.
Phyllosticta ruscicola Dur. & Mont.:					
Ruscus aculeatus (butchersbroom) leaf	Italy	1			Ohio.
Ruscus sp.	do	1			Mich.
Phyllostictina pyriformis Cash & Watson:					
Dendrobium sp. (orchid)	Hawaii			2	Hawaii.
Laelia sp. (orchid)	Guatemala			1	Tex.
Orchid (leaf)	Mexico			1	Tex.
Rhynchostylis sp. (orchid) leaf	Thailand			1	N.Y.
Stanhopea sp. (orchid)	Mexico			1	Tex.
Vanda sp. (orchid)	Hawaii			1	Hawaii
‡*Pleospora microspora* Niessl.:					
Phragmites communis (reed) leaf	Netherlands	1			Mass.
‡*Pleospora samarae* Fckl.:					
Fraxinus ornus (flowering ash)	Italy			1	N.J.
†*Pratylenchus coffeae* (Zimmermann) Goodey:					
Dahlia hybrid (root)	Australia			2	N.J.
Dioscorea sp. (yam) tuber	Jamaica	1			Fla.
Soil with *Ruta graveolens* (common rue)	Mexico			1	Ariz.
Pratylenchus penetrans (Cobb) Chitwood & Oteifa:					
Clematis hybrid (root)	Netherlands			1	N.Y.
Ligularia przewalskii (goldenray) root	do			1	N.J.
Tricyrtis sp. (toadlily) root	do			1	N.Y.
†*Pratylenchus scribneri* Steiner:					
Malus sp. (apple) root stock	Canada			1	Wash.

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Prospodium appendiculatum (Wint.) Arth.:					
Tecoma stans var. *incisum*	Mexico	1			Ariz.
‡*Pseudolachnea bubakii* Ranojevic:					
Acer japonicum (fullmoon maple) twig	Italy			1	N.J.
‡*Puccinia abyssinica* (P. Henn.) Syd.:					
Jasminum abyssinicum (leaf)	Ethiopia			1	D.C.
Puccinia buxi DC.:					
Buxus sempervirens (boxwood) leaf	England, Germany, Ireland, Italy, unknown.	1	22	1	Mass., N.Y., Wash.
†*Puccinia carthami* Cda.:					
Carthamus sp.	Greece			2	D.C.
Puccinia horiana P. Henn.:					
Chrysanthemum morifolium (florists chrysanthemum).	Japan	1	2		Hawaii.
†*Puccinia iridis* Rab.:					
Iris hybrid (leaf)	Bermuda, Haiti	1	1		Mass., P.R.
Puccinia longicornis Pat. & Har.:					
Sasa albomarginata (bamboo) leaf	Japan		1		Calif.*
Puccinia ornithogali-thyrsoides Diet.:					
Ornithogalum thyrsoides (Cape chinkerichee)	Republic of South Africa.	1			N.Y.
†*Puccinia polygoni-amphibii* Pers.:					
Polygonum sachalinense (Sakhalin knotweed) leaf with seed.	Union of Soviet Socialist Republics.			1	D.C.
Puccinia urbaniana P. Henn.:					
Stachytarpheta jamaicensis (Jamaica falsevalerian) leaf and stem.	Puerto Rico	1			Ill.
Pyrenochaeta spinicola Speg.:					
Cephalocereus sp. (cactus)	Mexico			1	Tex.
‡*Pythium intermedium* d By.:					
Roots (11 genera of trees)	Union of Soviet Socialist Republics.			1	D.C.
‡*Pythium mamillatum* Meurs:					
Roots (11 genera of trees)	do			1	D.C.
‡*Pythium salpingophorum* Drechsler:					
Roots (11 genera of trees)	do			1	D.C.
†*Pythium ultimum* Trow:					
Roots (11 genera of trees)	do			1	D.C.
Radopholus similis (Cobb) Thorne:					
Anthurium andraeanum (flamingo anthurium)	Hawaii			2	Hawaii.
Zinniber sp. (ginger) plant	do			1	Hawaii.
†*Rhytisma acerinum* (Pers.) Fr.:					
Acer pseudoplatanus (planetree maple) leaf	France		1		Mass.
Acer sp.	do		16		N.Y.
‡*Rhytisma ilicis-latifoliae* P. Henn.:					
Ilex integra (holly) leaf	Japan			1	D.C.
†*Rhytisma punctatum* (Pers.) Fr.:					
Acer sp. (maple) leaf	France		1		N.Y.
†Rose mosaic—yellow type:					
Rosa hybrid (rose) leaf	Colombia	1			Fla.
Rotylenchus robustus (de Man) Filip.:					
Soil with *Apium graveolens* var. *rapaceum* (celeriac).	Netherlands		1		Fla.
Soil with assorted plants	Azores, Germany			2	Mass.
Scutellonema brachyurum (Steiner) Andrassy:					
Amaryllis sp. (bulb)	Mexico			2	Ariz.
Crassula sp.	do			1	Tex.
Ficus elastica (Indiarubber fig) plant	†Brazil			1	N.Y.
Soil with bulbs	Mexico			2	Tex.
Soil with *Kalanchoe tomentosa*	†Guatemala			1	Tex.
Soil with *Philodendron* sp.	Mexico			1	Ariz.
Soil with assorted plants	do			2	Tex.
Soil with *Ruta graveolens* (common rue)	do			1	Ariz.
Scutellonema bradys (Steiner & Le Hew) Andrassy:					
Dioscorea sp. (yam) root	Cuba	1			Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Septoria citri Pass.:					
Citrus limon (lemon)	Italy, Spain, unknown.	-----	6	-----	Calif.,* N.Y.
C. reticulata (Mandarin orange)	Italy	1	-----	-----	N.Y.
C. sinensis (sweet orange)	Italy, Japan, Spain	1	5	-----	Calif.,* Fla., P.R., Tex.
†*Septoria exotica* Speg.:					
Hebe sp. (cutting)	Greece(?)	1	-----	-----	Ill.
Sevtoria leucanthemi Sacc. & Speg.:					
Chrysanthemum maximum (Pyrenees chrysanthemum).	England	-----	-----	1	N.Y.
Chrysanthemum sp. (leaf)	†France	-----	-----	2	N.Y.
Septoria limonum Pass.:					
Citrus limon (lemon) fruit and leaf	Italy, †Spain	-----	4	-----	N.Y.
‡*Septoria minimum* (Karst. & Har.) Arx:					
Anthurium scherzerianum (common anthurium) leaf.	France	-----	-----	1	N.J.
Anthurium sp. (leaf)	Netherlands	-----	-----	1	N.J.
Septoria oryzae Catt.:					
Oryza sativa (rice) straw	Japan	-----	46	-----	Calif.*
Septoria piricola Desm.:					
Pyrus sp. (pear) leaf	Italy	-----	1	-----	Tex.
Sphaceloma fawcettii Bitanc. & Jenkins var. *scabiosa* (McAlp. & Tryon) Jenkins:					
Citrus limon (lemon)	Australia	-----	10	-----	Fla., Hawaii, La., Pa., S.C.
Sphaceloma punicae Bitanc. & Jenkins:					
Punica granatum (pomegranate)	†Dominican Republic, Mexico.	7	-----	-----	Ariz., N.Y., Tex.
Sphaceloma rosarum (Pass.) Jenkins:					
Rosa hybrid (rose) leaf	†England, Germany	3	-----	-----	Ill., Mass.
†*Sphaceloma spondiadis* Bitanc. & Jenkins (?):					
Spondias cytherea (vi-apple)	Puerto Rico	1	-----	-----	N.Y.
†*Sphacelotheca reiliana* (Kuehn) Clint.:					
Sorghum sp. (seed)	Pakistan	-----	-----	1	D.C.
‡*Sphaerophragmium acaciae* (Cke.) P. Magn.:					
Albizzia lebbeck (leaf)	Bahamas	1	-----	-----	Fla.
Sphenospora kevorkianii Linder:					
Catasetum sp. (orchid) leaf	Peru	-----	-----	2	Fla.
Cochlioda coccinea (orchid) leaf	†England	-----	-----	1	N.J.
Cyrtopodium andersonii (orchid) leaf	Brazil	-----	-----	1	Fla.
Epidendrum sp. (orchid) leaf	†Antigua, Bahamas(?), Ecuador, Trinidad.	-----	-----	4	Fla.
Ionopsis sp. (orchid) leaf	Jamaica	-----	-----	3	Fla.
Miltonia roezlii (orchid) leaf	Canal Zone	-----	-----	1	Fla.
Miltonia sp. (leaf)	----do	-----	-----	1	Fla.
Notylia albida (orchid) leaf	†Guatemala	-----	-----	1	Fla.
Oncidium cebolleta (orchid)	†Mexico	-----	-----	1	Tex.
O. fallens (leaf)	Ecuador	-----	-----	1	N.Y.
O. lozense (leaf)	----do	-----	-----	1	Fla.
O. macranthum (leaf)	----do	-----	-----	3	Fla., N.Y.
O. phalaenopsis (leaf)	----do	-----	-----	1	N.Y.
O. pulchellum (leaf)	Haiti, Jamaica	-----	-----	3	Fla.
O. pusillum (leaf)	†Guatemala	-----	-----	1	Fla.
O. quadripetalum (leaf)	Jamaica	-----	-----	1	Fla.
O. splendidum (leaf)	Honduras	-----	-----	1	Fla.
Oncidium sp. (leaf)	British Honduras, †Colombia, Costa Rica, Ecuador, †Guatemala, Panama, Peru.	-----	-----	12	Fla., N.Y.
Orchid (leaf)	Brazil, †Guatemala, Haiti, Honduras, Jamaica, Panama.	-----	-----	7	Fla.
Ornithocephalus sp. (orchid) leaf	Peru	-----	-----	1	Fla.
Rodriguezia sp. (orchid) leaf	†Colombia, Ecuador, Peru.	-----	-----	4	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nomentry	Propagation	
Sphenospora mera Cumm.:					
Catasetum sp. (orchid) leaf	Peru			1	Fla.
Cycnoches aureum (orchid) leaf	†Guatemala			1	Fla.
Ionopsis sp. (orchid) leaf	do			1	Fla.
Miltonia roezlii (orchid) leaf	†Canal Zone, Panama.			6	Fla.
Orchid	Mexico			1	Tex.
Sphenospora saphena Cumm.:					
Epidendrum sp. (orchid) leaf	†Dominican Republic, †Trinidad.			2	Fla.
Ionopsis sp. (orchid) leaf	Jamaica			1	Fla.
Oncidium sphacelatum (orchid)	†Mexico			1	Tex.
Oncidium sp.	Jamaica			2	Fla.
‡*Steganosporium foliicolum* (Desm.) Moore:					
Arundinaria alpina (bamboo) leaf	Ethiopia			1	D.C.
‡*Stigmina palmivora* (Sacc. apud Trelease) Hughes:					
Palm (plant)	Italy		1		Mich.
Stomatogene agaves (Ell. & Ev.) Th.:					
Agave sp.	Mexico			1	Tex.
†*Strickeria obducens* (Fr.) Wint.:					
Yucca schottii	do	1			Ariz.
‡*Strumella simmondsiae* Bonar:					
Simmondsia californica (California jojoba)	do			1	Calif.
Thecaphora solani Barrus:					
Solanum stoloniferum (*tuber*)	do	2			Calif.
‡Tobacco mosiac virus:					
Lycopersicon esculentum (tomato) plant	Venezuela	1			D.C.
Tobacco ring spot virus:					
Citrullus vulgaris (watermelon)	Mexico	4			Ariz.
‡*Trichocladium asperum* Harz:					
Solanum tuberosum (potato)	Japan		1		Calif.*
‡*Tylenchorhynchus acti* Hopper:					
Soil with cactus plant	Mexico			1	Tex.
Tylenchorhynchus capitatus M. W. Allen:					
Soil with *Begonia* sp.	do			1	Ariz.
Soil with *Cymbopogon citratus* (lemongrass)	do			1	Ariz.
Soil with *Tradescantia* sp.	do			1	Ariz.
†*Tylenchorhynchus claytoni* Steiner:					
Soil with *Asparagus sprengeri*	Italy			1	N.Y.
†*Tylenchorhynchus dubius* (Bütschli) Filip.:					
Soil with *Convallaria majalis*	England			1	Mass.
‡*Typhula itoana* Imai:					
Hordeum sp. (barley) straw jacket	Japan		1		N.Y.
Uredo behnickiana P. Henn.:					
Dendrobium nobile (orchid) leaf	Unknown			1	Fla.
Epidendrum cochleatum (orchid) leaf	†Honduras			1	Fla.
E. fragrans (leaf)	do			1	Fla.
E. mariae (leaf)	Mexico			1	Tex.
Epidendrum sp.	Costa Rica, Mexico			2	Calif.,* Tex.
Laelia anceps (orchid)	Mexico			8	Tex.
L. superbiens (leaf)	Jamaica			1	Fla.
Maxillaria coccinea (orchid) leaf	do			1	Fla.
Oncidium cebolleta (orchid)	Mexico			1	Tex.
O. varicosum var. *rogersii* (leaf)	Brazil			2	Fla.
Oncidium sp. (leaf)	do			2	Fla.
Orchid (leaf)	Costa Rica, †Ecuador			2	Calif.,* Fla.
Uredo epidendri P. Henn.:					
Orchid (leaf)	Venezuela			1	Calif.*
Uredo guacae Mayor:					
Catasetum sp. (orchid) leaf	Peru			1	Fla.
Huntleya burtii (orchid) leaf	Costa Rica			1	Fla.
Oncidium pusillum (orchid) leaf	Peru			1	Fla.
O. variegatum (leaf)	do			1	Fla.
Orchid	Canal Zone, Jamaica			2	Calif.,* Fla.
Polystachya sp. (orchid) leaf	Panama			1	Fla.
Stanhopea sp. (orchid) leaf	Honduras, Peru			2	Fla.
Zygopetalum wendlandi (orchid) leaf	Costa Rica			1	P.R.
‡*Uredo neopustulata* Cumm.:					
Stenorynchus sp. (hardy terrestrial orchid)	Jamaica			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Uredo nidularii P. Henn.:					
Bromeliad (leaf)	†Colombia, Costa Rica.	-----	-----	3	Fla.
Tillandsia sp. (leaf)	Mexico, †Panama	-----	-----	2	Fla., Tex.
Uredo nigropuncta P. Henn.:					
Catasetum sp. (orchid)	†Peru	-----	-----	1	Fla.
Epidendrum nocturnum (orchid) leaf	Jamaica	-----	-----	1	N.Y.
E. varicosum (leaf)	do	-----	-----	1	Fla.
E. verrucosum (leaf)	do	-----	-----	1	N.Y.
Uredo oncidii P. Henn.:					
Diacrium bilamellatum (orchid) leaf	Canal Zone	-----	-----	1	Fla.
Oncidium luridum (orchid) leaf	Jamaica	-----	-----	1	Fla.
O. splendidum (leaf)	Honduras	-----	-----	2	Fla.
O. stramineum (leaf)	Mexico	-----	-----	1	Tex.
Oncidium sp. (leaf)	British Honduras, Honduras, Jamaica, Peru.	-----	-----	7	Fla.
Orchid (leaf)	Honduras	-----	-----	1	Fla.
Zygopetalum sp. (orchid) leaf	Ecuador	-----	-----	1	Fla.
Uromyces alyxiae Arth.:					
Alyxia olivaeformis (maile alyxia)	Hawaii	1	-----	-----	Calif.*
† *Uromyces betae* Kickx:					
Beta vulgaris var. *cicla* (Swiss chard)	England	-----	1	-----	N.Y.
Uromyces dolicholi Arth.:					
Cajanus cajan (pigeonpea) leaf	Puerto Rico	1	-----	-----	P.R.
Uromyces fabae (Grev.) Cke.:					
Lens culinaris (lentil)	Chile	1	-----	1	Fla., Wash.
Uromyces junci (Desm.) Tul.:					
Juncus glaucus (rush)	Greece	1	-----	-----	N.Y.
Uromyces lespedezae-procumbentis (Schw.) Curt.:					
Lespedeza formosa (seed pod)	Japan	-----	-----	1	Calif.*
L. thunbergii (seed pod)	do	-----	-----	1	Calif.*
Xanthomonas citri (Hasse) Dowson:					
Citrus aurantifolia (lime)	† Afghanistan, Guam, Hong Kong, India, Indonesia, Japan, Thailand, unknown.	6	15	-----	Hawaii, La., N.Y., N.C.
C. aurantium (sour orange)	Japan	-----	21	-----	Calif.,* La., Md., Pa., Tex. Wash.
C. aurantium X *C. reticulata* (citrus hybrid)	do	-----	2	-----	N.Y.
C. grandis (pummelo) leaf and peel	Hong Kong, Thailand.	1	1	-----	Hawaii, N.Y.
C. ichangensis var. ("yuzu")	Japan	-----	1	-----	Pa.
C. ichangensis X *C. reticulata* (ichandarin)	do	-----	1	-----	Calif.*
C. limon (lemon)	Federation of Malaya, Formosa, Japan.	-----	25	-----	Calif.,* Hawaii, La., N.Y., Oreg., Pa., S.C., Wash.
C. paradisi (grapefruit)	China, Japan, Thailand.	2	7	-----	Calif.,* Fla., Hawaii, N.C., Pa., Wash.
C. paradisi X *C. reticulata* (tangelo)	Japan	-----	1	-----	La.
C. reticulata (Mandarin orange) dried peel and fruit.	China, Formosa, Hong Kong, Japan.	12	10	-----	Calif.,* Fla., Hawaii, Ill., N.Y., Tex., Wash.
C. reticulata X *C. sinensis* (tangor) leaf	Japan	-----	1	-----	Wash.
C. sinensis (sweet orange) dried peel and fruit	China, Hong Kong, Japan, Thailand, unknown.	28	129	-----	Ala., Calif.,* Fla., Hawaii, Ill., Md., Mass., Minn., N.Y., N.C., Ohio, Oreg., Pa., Wash.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Xanthomonas citri (Hasse) Dowson—Continued					
Citrus sp. (dried peel and fruit)	China, Hong Kong, Japan, unknown.	6	2	-----	Hawaii, Ill., La., Mass., Tex., Wash.
‡ *Xanthomonas hederae* (Arn.) Dowson:					
Hedera sp. (ivy) leaf	England	-----	3	-----	Mass.
Xanthomonas sp. (Cancrosis B):					
Citrus limon (lemon)	Argentina, unknown, Uruguay.	-----	15	-----	N.Y., Pa., Tex.
C. reticulata (Mandarin orange)	Argentina	1	-----	-----	Fla.
C. sinensis (sweet orange)	Brazil	-----	1	-----	Calif.*

An asterisk (*) indicates State inspection.
A dagger (†) indicates a first interception from the country named.
A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

ACACIA:
‡*Nectria infusaria* (Ascomycetes)
ACER:
‡*Pseudotachnea bubakii* (Deuteromycetes)
†*Rhytisma acerinum* (Ascomycetes)
†*R. punctatum* (Ascomycetes)
ACHIMENES:
Meloidogyne arenaria (Nematoda)
†*M. hapla* (Nematoda)
ACONITUM:
Meloidogyne arenaria (Nematoda)
M. hapla (Nematoda)
AGAPANTHUS:
†*Meloidogyne arenaria* (Nematoda)
AGASTACHE:
Meloidogyne hapla (Nematoda)
AGAVE:
Coniothyrina agaves (Deuteromycetes)
†*Meloidogyne javanica* (Nematoda)
Stomatogene agaves (Ascomycetes)
ALBIZZIA:
‡*Sphaerophragmium acaciae* (Promycetes)
ALLIUM CEPA:
Ditylenchus dipsaci (Nematoda)
†*Mycosphaerella schoenoprasi* (Ascomycetes)
ALLIUM FISTULOSUM:
Mycosphaerella schoenoprasi (Ascomycetes)
ALLIUM PORRUM:
†*Mycosphaerella schoenoprasi* (Ascomycetes)
ALLIUM SATIVUM:
Ditylenchus dipsaci (Nematoda)
ALOCASIA:
Meloidogyne incognita (Nematoda)
M. incognita acrita (Nematoda)
ALYXIA:
Uromyces alyxiae (Promycetes)
AMARYLLIS:
Scutellonema brachyurum (Nematoda)
ANDROPOGON:
Meloidogyne incognita acrita (Nematoda)
ANTHURIUM:
Meloidogyne incognita (Nematoda)
†*Phyllachora engleri* (Ascomycetes)
Radopholus similis (Nematoda)
‡*Septoria minimum* (Deuteromycetes)
ARAUCARIA:
Cryptospora longispora (Ascomycetes)
Macrophoma araucariae (Deuteromycetes)
ARMORACIA:
‡*Ascochyta armoraciae* (Deuteromycetes)
ARUM:
Meloidogyne javanica (Nematoda)
ARUNDINARIA:
‡*Steganosporium foliicolum* (Deuteromycetes)
ASTER:
Meloidogyne hapla (Nematoda)
ASTILBE:
Meloidogyne incognita acrita (Nematoda)
BAMBUSA:
Papularia vinosa (Deuteromycetes)
BEGONIA:
Meloidogyne arenaria (Nematoda)
†*M. incognita* (Nematoda)
BETA:
Meloidogyne incognita (Nematoda)
†*Uromyces betae* (Promycetes)
BLETILLA:
Aphelenchoides fragariae (Nematoda)
BORASSUS:
Graphiola borassi (Promycetes)
BROMELIAD:
‡*Phyllosticta bromeliae* (Deuteromycetes)
†*Uredo nidularii* (Promycetes)
BUXUS:
‡*Dothidella depazeoides* (Ascomycetes)
Puccinia buxi (Promycetes)
CACTUS:
Meloidogyne arenaria (Nematoda)
M. incognita (Nematoda)
CAJANUS:
Uromyces dolicholi (Promycetes)
CALADIUM:
Meloidogyne arenaria (Nematoda)
†*M. arenaria arenaria* (Nematoda)
M. incognita (Nematoda)
†*M. incognita acrita* (Nematoda)
CAMELLIA:
‡*Diaporthe camelliae* (Ascomycetes)
CANNA:
Meloidogyne incognita acrita (Nematoda)
CAPSICUM:
Meloidogyne incognita (Nematoda)
CARTHAMUS:
†*Puccinia carthami* (Promycetes)
CARYOPTERIS:
†*Meloidogyne javanica* (Nematoda)
CASTANEA:
‡*Cylindrosporium castaneae* (Deuteromycetes)
CATASETUM:
Sphenospora kevorkianii (Promycetes)
S. mera (Promycetes)
Uredo guacae (Promycetes)
†*U. nigropuncta* (Promycetes)
CATTLEYA:
†*Myiocopron corrientinum* (Deuteromycetes)
CEDRELA:
‡*Phomopsis cedrelae* (Deuteromycetes)
CEPHALOCEREUS:
Pyrenochaeta spinicola (Deuteromycetes)
CHAMAEDOREA:
‡*Dendrodochium rubellum* (Deuteromycetes)
CHRYSANTHEMUM:
†*Meloidogyne hapla* (Nematoda)
Puccinia horiana (Promycetes)
†*Septoria leucanthemi* (Deuteromycetes)
CIRSIUM:
†*Meloidogyne javanica* (Nematoda)
CITRULLUS:
Tobacco ring spot virus (Virus)
CITRUS AURANTIFOLIA:
†*Coniella diplodiella* (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia (*Phoma*) *citricarpa* (Ascomycetes)
†*Xanthomonas citri* (Schizomycetes)
CITRUS AURANTIUM:
Ascochyta citri (Deuteromycetes)
Guignardia (*Phoma*) *citricarpa* (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS AURANTIUM X C. RETICULATA:
Xanthomonas citri (Schizomycetes)
CITRUS GRANDIS:
†*Ascochyta citri* (Deuteromycetes)
Guignardia (*Phoma*) *citricarpa* (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS ICHANGENSIS VAR.:
Xanthomonas citri (Schizomycetes)
CITRUS ICHANGENSIS X C. RETICULATA:
Xanthomonas citri (Schizomycetes)
CITRUS LIMON:
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia (*Phoma*) *citricarpa* (Ascomycetes)
Septoria citri (Deuteromycetes)
†*S. limonum* (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
CITRUS PARADISI:
Elsinoe australis (Ascomycetes)
Guignardia (*Phoma*) *citricarpa* (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS PARADISI X C. RETICULATA:
†*Guignardia* (*Phoma*) *citricarpa* (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS RETICULATA:
†*Coniothecium scabrum* (Dueteromycetes)
Elsinoe australis (Ascomycetes)
†"Greasy spot"
†*Guignardia* (*Phoma*) *citricarpa* (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
CITRUS RETICULATA HYBRID:
Elsinoe australis (Ascomycetes)
CITRUS RETICULATA X C. SINENSIS:
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)

See footnotes at end of the list.

Hosts and Diseases—Continued

CITRUS SINENSIS:
Elsinoe australis (Ascomycetes)
†"Greasy spot"
†*Guignardia* (*Phoma*) *citricarpa* (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
CITRUS SP.:
Guignardia (*Phoma*) *citricarpa* (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CLEMATIS:
†*Meloidogyne hapla* (Nematoda)
‡*Phoma demissa* (Deuteromycetes)
Pratylenchus penetrans (Nematoda)
COCHLIODA:
†*Sphenospora kevorkianii* (Promycetes)
COCOS:
†*Diplodia coccocarpa* (Deuteromycetes)
COLCHICUM:
Ditylenchus destructor (Nematoda)
COLEUS:
Meloidogyne incognita (Nematoda)
COLOCASIA:
Meloidogyne incognita (Nematoda)
CORDYLINE:
Meloidogyne incognita (Nematoda)
CRASSULA:
Scutellonema brachyurum (Nematoda)
CUPHEA:
‡*Cercospora cupheae* (Deuteromycetes)
CYCNOCHES:
†*Sphenospora mera* (Promycetes)
CYRTOPODIUM:
Sphenospora kevorkianii (Promycetes)
DAHLIA:
Corynebacterium fascians (Schizomycetes)
Meloidogyne arenaria thamesi (Nematoda)
†*Pratylenchus coffeae* (Nematoda)
DAUCUS:
Meloidogyne incognita (Nematoda)
DELPHINIUM:
Meloidogyne hapla (Nematoda)
DENDROBIUM:
Phyllostictina pyriformis (Deuteromycetes)
†*Uredo behnickiana* (Promycetes)
DIACRIUM:
Uredo oncidii (Promycetes)
DIEFFENBACHIA:
Meloidogyne incognita (Nematoda)
DIOSCOREA:
Meloidogyne arenaria (Nematoda)
M. javanica (Nematoda)
†*Pratylenchus coffeae* (Nematoda)
Scutellonema bradys (Nematoda)
DRACAENA:
Meloidogyne javanica (Nematoda)
ECHEVERIA:
Meloidogyne incognita (Nematoda)
ELYMUS:
†*Phyllachora graminis* (Ascomycetes)
EPIDENDRUM:
Cercospora angraeci (Deuteromycetes)
†*Ophiodothella orchidearum* (Ascomycetes)
†*Sphenospora kevorkianii* (Promycetes)
†*S. saphena* (Promycetes)
†*Uredo behnickiana* (Promycetes)
U. nigropuncta (Promycetes)
EPIPHYLLUM:
Meloidogyne incognita (Nematoda)
ERYTHRINA:
‡*Cercospora erythrinae* (Deuteromycetes)
EUPHORBIA:
Meloidogyne incognita acrita (Nematoda)
M. javanica (Nematoda)
FAGRAEA:
†*Meloidogyne incognita acrita* (Nematoda)
FICUS:
†*Cerotelium fici* (Promycetes)
Meloidogyne incognita acrita (Nematoda)
‡*Phlyctaena ficuum* (Deuteromycetes)
†*Scutellonema brachyurum* (Nematoda)
FORTUNELLA(?):
Guignardia (*Phoma*) *citricarpa* (Ascomycetes)
FRAGARIA:
†*Marssonina fragariae* (Deuteromycetes)
†*Meloidogyne hapla* (Nematoda)
M. javanica (Nematoda)
†*Mycosphaerella fragariae* (Ascomycetes)
FRAXINUS:
‡*Pleospora samarae* (Ascomycetes)
GARDENIA:
Meloidogyne incognita (Nematoda)
M. incognita acrita (Nematoda)
GERBERA:
†*Meloidogyne hapla* (Nematoda)
M. javanica (Nematoda)
GEUM:
Meloidogyne hapla (Nematoda)
GLADIOLUS:
Ditylenchus destructor (Nematoda)
Meloidogyne arenaria thamesi (Nematoda)
M. incognita (Nematoda)
M. incognita acrita (Nematoda)
M. javanica (Nematoda)
GOSSYPIUM:
†*Phakopsora gossypii* (Promycetes)
GYPSOPHYLLA:
Meloidogyne incognita (Nematoda)
HEBE:
†*Septoria exotica* (Deuteromycetes)
HEDERA:
Cryptocline paradoxa (Deuteromycetes)
Phyllosticta hedericola (Deuteromycetes)
‡*Xanthomonas hederae* (Schizomycetes)
HEDYCHIUM:
†*Meloidogyne arenaria* (Nematoda)
HELICONIA:
†*Meloidogyne incognita* (Nematoda)
HEPATICA:
Meloidogyne hapla (Nematoda)
HIBISCUS:
‡*Meloidogyne javanica javanica* (Nematoda)
HORDEUM:
‡*Typhula itoana* (Basidiomycetes)
HOSTA:
Meloidogyne arenaria thamesi (Nematoda)
M. incognita (Nematoda)
HUNTLEYA:
Uredo guacae (Promycetes)
ILEX:
‡*Rhytisma ilicis-latifoliae* (Ascomycetes)
IONOPSIS:
Sphenospora kevorkianii (Promycetes)
†*S. mera* (Promycetes)
S. saphena (Promycetes)
IPOMOEA:
†*Meloidogyne incognita* (Nematoda)
M. incognita acrita (Nematoda)
IRIS:
Meloidogyne javanica (Nematoda)
‡*M. javanica javanica* (Nematoda)
†*Puccinia iridis* (Promycetes)
IXORA:
‡*Meloidogyne javanica javanica* (Nematoda)
JASMINUM:
‡*Puccinia abyssinica* (Promycetes)
JATROPHA:
Phakopsora jatrophicola (Promycetes)
JUNCUS:
Uromyces junci (Promycetes)
JUNIPERUS:
G. haraeanum (Promycetes)
†*Lophodermium juniperinum* (Ascomycetes)
KAEMPFERIA:
Meloidogyne incognita (Nematoda)
LABURNUM:
Coniothyrium cytisellum (Deuteromycetes)
LACTUCA:
†*Meloidogyne arenaria* (Nematoda)
†*M. incognita acrita* (Nematoda)
LAELIA:
Phyllostictina pyriformis (Deuteromycetes)
Uredo behnickiana (Promycetes)
LENS:
Uromyces fabae (Promycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

LESPEDEZA:
Uromyces lespedezae-procumbentis (Promycetes)
LIGULARIA:
Pratylenchus penetrans (Nematoda)
LONICERA:
Meloidogyne incognita (Nematoda)
LYCOPERSICON:
‡*Meloidogyne incognita incognita* (Nematoda)
‡Tobacco mosaic virus (Virus)
MACROZAMIA:
Dothiorella pericarpica (Deuteromycetes)
MAHONIA:
Cumminsiella mirabilissima (Promycetes)
MALUS:
‡*Dendrophoma pulvis-pyrius* (Deuteromycetes)
Elsinoe piri (Ascomycetes)
Monilinia fructigena (Ascomycetes)
†*Pratylenchus scribneri* (Nematoda)
MANGIFERA:
†*Elsinoe mangiferae* (Ascomycetes)
MAXILLARIA:
Uredo behnickiana (Promycetes)
MILTONIA:
Sphenospora kevorkianii (Promycetes)
†*S. mera* (Promycetes)
MUSA:
†*Macrophoma musae* (Deuteromycetes)
NARCISSUS:
Aphelenchoides subtenuis (Nematoda)
Ditylenchus dipsaci (Nematoda)
NOTYLIA:
†*Sphenospora kevorkianii* (Promycetes)
ODONTOGLOSSUM:
Ophiodothella orchidearum (Ascomycetes)
OENOTHERA:
Meloidogyne hapla (Nematoda)
OLEA:
‡*Macrophoma dalmatica* (Deuteromycetes)
ONCIDIUM:
†*Myiocopron corrientinum* (Deuteromycetes)
†*Sphenospora kevorkianii* (Promycetes)
†*S. saphena* (Promycetes)
Uredo behnickiana (Promycetes)
U. guacae (Promycetes)
U. oncidii (Promycetes)
ORCHID:
Cercospora odontoglossi (Deuteromycetes)
‡*Chaetopeltopsis tenuissima* (Ascomycetes)
Ophiodothella orchidearum (Ascomycetes)
Phyllostictina pyriformis (Deuteromycetes)
†*Sphenospora kevorkianii* (Promycetes)
S. mera (Promycetes)
†*Uredo behnickiana* (Promycetes)
U. epidendri (Promycetes)
U. guacae (Promycetes)
U. oncidii (Promycetes)
ORNITHOCEPHALUS:
Sphenospora kevorkianii (Promycetes)
ORNITHOGALUM:
Didymellina ornithogali (Ascomycetes)
Meloidogyne incognita (Nematoda)
M. javanica (Nematoda)
Puccinia ornithogali-thyrsoides (Promycetes)
ORYZA:
Diplodia oryzae (Deuteromycetes)
†*Neovossia horrida* (Promycetes)
Septoria oryzae (Deuteromycetes)
PALM:
†*Mycosphaerella palmae* (Ascomycetes)
‡*Stigmina palmivora* (Deuteromycetes)
PARKINSONIA:
‡*Phyllosticta parkinsoniae* (Deuteromycetes)
PELARGONIUM:
‡*Coniothyrium trabutii* (Deuteromycetes)
Meloidogyne hapla (Nematoda)
PEPEROMIA:
Meloidogyne arenaria (Nematoda)
PETROSELINUM:
†*Meloidogyne incognita* (Nematoda)
PHASEOLUS:
Elsinoe phaseoli (Ascomycetes)
†*Phyllosticta phaseolina* (Deuteromycetes)
PHRAGMITES:
Lophodermium arundinaceum (Ascomycetes)
‡*Pleospora microspora* (Ascomycetes)
PICEA:
‡*Lophodermium piceae* (Ascomycetes)
PINUS:
‡*Mycosphaerella acicola* (Ascomycetes)
POLIANTHES:
Meloidogyne incognita (Nematoda)
M. javanica (Nematoda)
POLYGONUM:
†*Puccinia polygoni-amphibii* (Promycetes)
POLYSTACHYA:
Uredo guacae (Promycetes)
POPULUS:
‡*Cercospora populina* (Deuteromycetes)
POTENTILLA:
Meloidogyne hapla (Nematoda)
PROTEA:
Leptosphaeria protearum (Ascomycetes)
Phaeosphaerella senniana (Ascomycetes)
PRUNUS:
Monilinia fructigena (Ascomycetes)
PTEROCARPUS:
‡*Myiocopron pereirae* (Deuteromycetes)
PUNICA:
Cercospora punicae (Deuteromycetes)
Cytospora punica (Deuteromycetes)
†*Sphaceloma punicae* (Deuteromycetes)
PYRETHRUM:
Meloidogyne hapla (Nematoda)
PYRUS:
Septoria piricola (Deuteromycetes)
QUERCUS:
Cronartium quercuum (Promycetes)
Dothiorella phomiformis (Deuteromycetes)
RAVENALA:
Meloidogyne incognita (Nematoda)
RHODODENDRON:
Chrysomyxa ledi var. *rhododendri* (Promycetes)
RHYNCHOSTYLIS:
Phyllostictina pyriformis (Deuteromycetes)
RIBES:
Cronartium ribicola (Promycetes)
RODRIGUEZIA:
†*Sphenospora kevorkianii* (Promycetes)
ROSA:
†Rose mosaic—yellow type (Virus)
†*Sphaceloma rosarum* (Deuteromycetes)
RUBUS:
Kuehneola uredinis (Promycetes)
RUSCUS:
Phyllosticta ruscicola (Deuteromycetes)
SALIX:
‡*Cytospora translucens* (Deuteromycetes)
†*Diplodina salicis* (Deuteromycetes)
SANSEVIERIA:
Meloidogyne incognita (Nematoda)
SASA:
Puccinia longicornis (Promycetes)
SEDUM:
Meloidogyne incognita acrita (Nematoda)
SIMMONDSIA:
‡*Strumella simmondsiae* (Deuteromycetes)
SOIL:
‡*Criconema celetum* (Nematoda)
‡*Criconemoides curvatum* (Nematoda)
C. mutabile (Nematoda)
‡*C. peruense* (Nematoda)
‡*Helicotylenchus buxophilus* (Nematoda)
‡*H. dihystera* (Nematoda)
H. nannus (Nematoda)
†*Heterodera avenae* (Nematoda)
†*H. cacti* (Nematoda)
H. humuli (Nematoda)
†*H. punctata* (Nematoda)
H. rostochiensis (Nematoda)
†*Pratylenchus coffeae* (Nematoda)
Rotylenchus robustus (Nematoda)
†*Scutellonema brachyurum* (Nematoda)
‡*Tylenchorhynchus acti* (Nematoda)
T. capitatus (Nematoda)
†*T. claytoni* (Nematoda)
‡*T. dubius* (Nematoda)
SOLANUM STOLONIFERUM:
Thecaphora solani (Promycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

SOLANUM TUBEROSUM:
†*Meloidogyne arenaria* (Nematoda)
M. arenaria thamesi (Nematoda)
M. incognita (Nematoda)
M. incognita acrita (Nematoda)
‡*Trichocladium asperum* (Deuteromycetes)
SOLANUM CV.:
Meloidogyne incognita (Nematoda)
SORBUS:
‡*Gymnosporangium cornutum* (Promycetes)
SORGHUM:
†*Sphacelotheca reiliana* (Promycetes)
SPONDIAS:
‡*Chaetopeltopsis tenuissima* (Ascomycetes)
†*Sphaceloma spondiadis* (?) (Deuteromycetes)
STACHYTARPHETA:
Puccinia urbaniana (Promycetes)
STANHOPEA:
Cercospora angraeci (Deuteromycetes)
Phyllostictina pyriformis (Deuteromycetes)
Uredo guacae (Promycetes)
STENORYNCHUS:
‡*Uredo neopustulata* (Promycetes)
TAXODIUM:
‡*Mycosphaerella taxodii* (Ascomycetes)
TECOMA:
Prospodium appendiculatum (Promycetes)
TEUCRIUM:
Meloidogyne hapla (Nematoda)
THUJA:
‡*Didymascella* (*Keithia*) *thujina* (Ascomycetes)
TILLANDSIA:
†*Uredo nidularii* (Promycetes)
TRICYRTIS:
Pratylenchus penetrans (Nematoda
TRITICUM:
Leptosphaeria eustomoides (Ascomycetes)
ULMUS:
Meloidogyne arenaria (Nematoda)
VANDA:
Phyllostictina pyriformis (Deuteromycetes)
VIBURNUM:
Meloidogyne hapla (Nematoda)
†*M. javanica* (Nematoda)
VITIS:
‡*Elsinoe ampelina* (Ascomycetes)
YUCCA:
†*Strickeria obducens* (Ascomycetes)
ZANTEDESCHIA:
Meloidogyne incognita (Nematoda)
†*M. incognita acrita* (Nematoda)
M. javanica (Nematoda)
ZEBRINA:
Meloidogyne incognita (Nematoda)
ZELKOVA:
‡*Fusarium larvarum* (Deuteromycetes)
ZINGIBER:
†*Meloidogyne arenaria* (Nematoda)
M. incognita acrita (Nematoda)
†*M. javanica* (Nematoda)
‡*M. javanica javanica* (Nematoda)
Radopholus similis (Nematoda)
ZINNIA:
†*Alternaria zinniae* (Deuteromycetes)
ZYGOPETALUM:
Uredo guacae (Promycetes)
U. oncidii (Promycetes)

Hosts Unknown

GRASS:
†*Phyllachora graminis* (Ascomycetes)
ROOTS:
‡*Pythium intermedium* (Phycomycetes)
‡*P. mamillatum* (Phycomycetes)
‡*P. salpingophorum* (Phycomycetes)
†*P. ultimum* (Phycomycetes)
SUCCULENT:
Meloidogyne arenaria (Nematoda)
WOOD:
†*Hypoxylon marginatum* (Ascomycetes)

A dagger (†) indicates a first interception from the country of origin.
A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

AFGHANISTAN:
†*Xanthomonas citri*
ANTIGUA:
†*Sphenospora kevorkianii*
ARGENTINA:
‡*Criconemoides curvatum*
Elsinoe australis
Guignardia (Phoma) citricarpa
‡*Helicotylenchus dihystera*
†*Heterodera punctata*
Meloidogyne arenaria
Xanthomonas sp. (Cancrosis B)
ASIA (country(?)):
Guignardia (Phoma) citricarpa
AUSTRALIA:
Cryptospora longispora
Dothiorella pericarpica
Guignardia (Phoma) citricarpa
Macrophoma araucariae
†*Pratylenchus coffeae*
Sphaceloma fawcettii var. *scabiosa*
AUSTRIA:
Chrysomyxa ledi var. *rhododendri*
Heterodera avenae
H. cacti
AZORES:
‡*Helicotylenchus dihystera*
†*Heterodera avenae*
†*Meloidogyne incognita acrita*
Rotylenchus robustus
BAHAMAS:
Cercospora angraeci
†*Mycosphaerella palmae*
‡*Sphaerophragmium acaciae*
BAHAMAS (?):
Sphenospora kevorkianii
BELGIUM:
†*Heterodera cacti*
H. punctata
BERMUDA:
†*Puccinia iridis*
BRAZIL:
Elsinoe australis
Guignardia (Phoma) citricarpa
‡*Helicotylenchus dihystera*
†*Meloidogyne arenaria*
M. incognita
‡*Myiocopron pereirae*
†*Scutellonema brachyurum*
Sphenospora kevorkianii
Uredo behnickiana
Xanthomonas sp. (Cancrosis B)
BRITISH HONDURAS:
†*Myiocopron corrientinum*
Sphenospora kevorkianii
Uredo oncidii
CANADA:
†*Alternaria zinniae*
Cronartium ribicola
‡*Didymascella (Kiethia) thujina*
Mycosphaerella fragariae
†*Pratylenchus scribneri*
CANAL ZONE:
Cercospora angraeci
‡*Meloidogyne javanica javanica*
‡*Nectria infusaria*
Sphenospora kevorkianii
†*S. mera*
Uredo guacae
U. oncidii
CANARY ISLANDS:
†*Heterodera avenae*
CHILE:
Meloidogyne incognita acrita
CHINA:
Guignardia (Phoma) citricarpa
Uromyces fabae
Xanthomonas citri
COLOMBIA:
†Rose mosaic—yellow type
†*Sphenospora kevorkianii*
†*Uredo nidularii*

COSTA RICA:
†*Heterodera cacti*
†*Meloidogyne javanica*
†*Ophiodothella orchidearum*
Sphenospora kevorkianii
Uredo behnickiana
U. guacae
U. nidularii
CUBA:
Meloidogyne incognita
M. javanica
Scutellonema bradys
CZECHOSLOVAKIA:
Lophodermium arundinaceum
DENMARK:
†*Diplodina salicis*
Heterodera rostochiensis
†*Phyllachora graminis*
DOMINICA:
‡*Phomopsis cedrelae*
DOMINICAN REPUBLIC:
†*Cerotelium fici*
†*Elsinoe mangiferae*
Meloidogyne incognita
Phakopsora jatrophicola
†*Sphaceloma punicae*
†*Sphenospora saphena*
ECUADOR:
†*Meloidogyne incognita*
Sphenospora kevorkianii
†*Uredo behnickiana*
U. oncidii
ENGLAND:
Chrysomyxa ledi var. *rhododendri*
Ditylenchus dipsaci
Helicotylenchus dihystera
Heterodera avenae
H. cacti
H. punctata
H. rostochiensis
†*Lophodermium juniperinum*
Meloidogyne hapla
†*Meloidogyne javanica*
Phyllosticta hedericola
Puccinia buxi
Septoria leucanthemi
†*Sphaceloma rosarum*
†*Sphenospora kevorkianii*
†*Tylenchorhynchus dubius*
†*Uromyces betae*
‡*Xanthomonas hederae*
ETHIOPIA:
‡*Puccinia abyssinica*
‡*Steganosporium foliicolum*
FEDERATION OF MALAYA:
Guignardia (Phoma) citricarpa
Xanthomonas citri
FINLAND:
‡*Gymnosporangium cornutum*
FORMOSA:
†*Ascochyta citri*
Guignardia (Phoma) citricarpa
Xanthomonas citri
FRANCE:
Cumminsiella mirabilissima
Heterodera avenae
H. cacti
H. rostochiensis
Kuehneola uredinis
†*Meloidogyne hapla*
Meloidogyne javanica
Monilinia fructigena
‡*Phoma demissa*
†*Rhytisma acerinum*
†*R. punctatum*
†*Septoria leucanthemi*
‡*S. minimum*
GERMANY:
‡*Ascochyta armoraciae*
Chrysomyxa ledi var. *rhododendri*
‡*Elsinoe ampelina*
Heterodera avenae
H. cacti
H. humuli

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

GERMANY—Continued
H. punctata
H. rostochiensis
Lophodermium arundinaceum
Meloidogyne hapla
†*M. javanica*
Monilinia fructigena
Mycosphaerella fragariae
Puccinia buxi
Rotylenchus robustus
Sphaceloma rosarum
GREECE:
†*Puccinia carthami*
Uromyces junci
GREECE(?):
†*Septoria exotica*
GUADELOUPE:
†"Greasy spot"
GUAM:
Xanthomonas citri
GUATEMALA:
Meloidogyne arenaria
†*M. arenaria arenaria*
†*M. incognita acrita*
Phyllostictina pyriformis
†*Scutellonema brachyurum*
†*Sphenospora kevorkianii*
†*S. mera*
HAITI:
†*Phakopsora gossypii*
†*Puccinia iridis*
Sphenospora kevorkianii
HAWAII:
Macrophoma musae
Phyllostictina pyriformis
Radopholus similis
Uromyces alyxiae
HONDURAS:
†*Phyllachora engleri*
†*P. graminis*
Sphenospora kevorkianii
†*Uredo behnickiana*
†*U. guacae*
U. oncidii
HONG KONG:
Guignardia (*Phoma*) *citricarpa*
Xanthomonas citri
INDIA:
Graphiola borassi
Meloidogyne arenaria
†*M. hapla*
M. incognita
M. javanica
Xanthomonas citri
INDONESIA:
Xanthomonas citri
IRELAND:
Heterodera punctata
H. rostochiensis
Puccinia buxi
ITALY:
Aphelenchoides subtenuis
Chrysomyxa ledi var. *rhododendri*
‡*Cylindrosporium castaneae*
‡*Dendrophoma pulvis-pyrius*
‡*Elsinoe ampelina*
Helicotylenchus nannus
Heterodera avenae
H. cacti
H. punctata
Meloidogyne incognita
M. incognita acrita
†*Neovossia horrida*
Phyllosticta rusciicola
‡*Pleospora samarae*
‡*Pseudolachnea bubakii*
Puccinia buxi
Septoria citri
S. limonum
S. piricola
‡*Stigmina palmivora*
†*Tylenchorhynchus claytoni*
JAMAICA:
†"Greasy spot"
‡*Meloidogyne javanica javanica*
†*Pratylenchus coffeae*

Sphenospora kevorkianii
S. saphena
Uredo behnickiana
U. guacae
‡*U. neopustulata*
U. nigropuncta
U. oncidii
JAPAN:
Aphelenchoides fragariae
Ascochyta citri
†*Coniothecium scabrum*
Cronartium quercuum
Diplodia oryzae
Dothiorella phomiformis
‡*Fusarium larvarum*
Guignardia (*Phoma*) *citricarpa*
Gymnosporangium haraeanum
Leptosphaeria eustomoides
Meloidogyne arenaria
M. arenaria thamesi
M. hapla
M. incognita
M. incognita acrita
M. javanica
Mycosphaerella schoenoprasi
Neovossia horrida
Puccinia horiana
P. longicornis
‡*Rhytisma ilicis-latifoliae*
Septoria citri
S. oryzae
‡*Trichocladium asperum*
‡*Typhula itoana*
Uromyces lespedezae-procumbentis
Xanthomonas citri
KOREA:
†*Guignardia* (*Phoma*) *citricarpa*
LEBANON:
‡*Macrophoma dalmatica*
MACAO:
Guignardia (*Phoma*) *citricarpa*
MEXICO:
‡*Cercospora cupheae*
‡*C. erythrinae*
C. odontoglossi
‡*C. populina*
C. punicae
‡*Chaetopeltopsis tenuissima*
†*Coniella diplodiella*
Coniothyrina agaves
‡*Coniothyrium trabutii*
‡*Criconema celetum*
‡*Criconemoides curvatum*
C. mutabile
‡*C. peruense*
Cronartium quercuum
Cytospora punica
‡*Dendrodochium rubellum*
Ditylenchus dipsaci
‡*Helicotylenchus buxophilus*
‡*H. dihystera*
H. nannus
Heterodera cacti
H. punctata
H. rostochiensis
Meloidogyne arenaria
M. incognita
M. incognita acrita
‡*M. incognita incognita*
M. javanica
‡*Mycosphaerella taxodii*
†*Myiocopron corrientinum*
Ophiodothella orchidearum
Papularia vinosa
‡*Phyllosticta bromeliae*
‡*P. parkinsoniae*
†*P. phaseolina*
Phyllostictina pyriformis
‡*Phlyctaena ficuum*
†*Pratylenchus coffeae*
Prospodium appendiculatum
Pyrenochaeta spinicola
Scutellonema brachyurum
Sphaceloma punicae

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

MEXICO—Continued
†*Sphenospora kevorkianii*
†*S. saphena*
S. mera
Stomatogene agaves
†*Strickeria obducens*
‡*Strumella simmondsiae*
Thecaphora solani
Tobacco ring spot virus
‡*Tylenchorhynchus acti*
T. capitatus
Uredo behnickiana
U. nidularii
U. oncidii
MOROCCO:
†*Heterodera punctata*
†*Meloidogyne incognita acrita*
MOZAMBIQUE:
Guignardia (Phoma) citricarpa
NEPAL:
†*Macrophoma musae*
NETHERLANDS:
†*Alternaria zinniae*
Coniothyrium cytisellum
Cryptocline paradoxa
Ditylenchus destructor
Heterodera punctata
H. rostochiensis
Meloidogyne arenaria
M. hapla
M. incognita acrita
‡*Pleospora microspora*
Pratylenchus penetrans
Rotylenchus robustus
‡*Septoria minimum*
NEW ZEALAND:
Cryptospora longispora
‡*Diaporthe camelliae*
Macrophoma araucariae
†*Mycosphaerella schoenoprasi*
NICARAGUA:
†*Diplodia coccocarpa*
NORFOLK ISLAND:
Cryptospora longispora
Macrophoma araucariae
NORWAY:
‡*Gymnosporangium cornutum*
Heterodera punctata
Leptosphaeria eustomoides
OKINAWA:
Guignardia (Phoma) citricarpa
PAKISTAN:
†*Sphacelotheca reiliana*
PANAMA:
†*Meloidogyne arenaria*
†*M. incognita*
Sphenospora kevorkianii
†*S. mera*
Uredo guacae
†*U. nidularii*
PARAGUAY:
Elsinoe australis
PERU:
†*Heterodera cacti*
H. rostochiensis
Meloidogyne arenaria
Sphenospora kevorkianii
S. mera
Uredo guacae
†*U. nigropuncta*
U. oncidii
PHILIPPINES:
Guignardia (Phoma) citricarpa
†*Hypozylon marginatum*
POLAND:
Heterodera rostochiensis
†*Mycosphaerella fragariae*
PORTUGAL:
†*Heterodera punctata*
†*Meloidogyne incognita*
PUERTO RICO:
‡*Chaetopeltopsis tenuissima*
Elsinoe mangiferae
E. phaseoli
Puccinia urbaniana
†*Sphaceloma spondiadis* (?)
Uromyces dolicholi
REPUBLIC OF SOUTH AFRICA:
Didymellina ornithogali
Guignardia (Phoma) citricarpa
Leptosphaeria protearum
Meloidogyne incognita
M. incognita acrita
M. javanica
Phaeosphaerella senniana
Puccinia ornithogali-thyrsoides
SCOTLAND:
Heterodera rostochiensis
SIERRA LEONE:
†*Meloidogyne incognita*
SINGAPORE:
Guignardia (Phoma) citricarpa
Macrophoma musae
SPAIN:
‡*Dothidella depazeoides*
Elsinoe piri
†*Meloidogyne javanica*
Monilinia fructigena
Mycosphaerella schoenoprasi
Septoria citri
†*S. limonum*
SWEDEN:
†*Heterodera cacti*
H. punctata
H. rostochiensis
Monilinia fructigena
SWITZERLAND:
Chrysomyxa ledi var. *rhododendri*
‡*Cytospora translucens*
‡*Lophodermium piceae*
†*Meloidogyne hapla*
TAHITI:
†*Meloidogyne incognita acrita*
TAHITI (?):
†*Guignardia (Phoma) citricarpa*
THAILAND:
Guignardia (Phoma) citricarpa
Phyllostictina pyriformis
Xanthomonas citri
TRINIDAD:
Meloidogyne incognita
Sphenospora kevorkianii
†*S. saphena*
UNION OF SOVIET SOCIALIST REPUBLICS:
†*Puccinia polygoni-amphibii*
‡*Pythium intermedium*
‡*P. mamillatum*
‡*P. salpingophorum*
†*P. ultimum*
UNKNOWN:
Chrysomyxa ledi var. *rhododendri*
Corynebacterium fasciens
Cummins iella mirabilissima
Elsinoe australis
Guignardia (Phoma) citricarpa
Heterodera punctata
H. rostochiensis
Kuehneola uredinis
‡*Mycosphaerella acicola*
Puccinia buxi
Septoria citri
Uredo behnickiana
Xanthomonas citri
Xanthomonas sp. (Cancrosis B)
URUGUAY:
Elsinoe australis
Xanthomonas sp. (Cancrosis B)
VENEZUELA:
†*Marssonina fragariae*
‡Tobacco mosaic virus
Uredo epidendri
VIETNAM:
Guignardia (Phoma) citricarpa
WALES:
Heterodera punctata
WEST AFRICA:
†*Meloidogyne arenaria*

A dagger (†) indicates a first interception from the country named.
A double dagger (‡) indicates a first interception by Division inspectors.

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